

ILLUSTRATED
CALIFORNIA
ALMANAC
1903.



FOR MERCHANTS, MECHANICS, MINERS,
FARMERS, PLANTERS
AND
GENERAL FAMILY USE.

Illustrated for each Meridian and Latitude as are best suited for a Universal
Almanac for California

PUBLISHED BY
THE HOSTETTER COMPANY,
PITTSBURGH, PA.

THINGS YOU SHOULD KNOW.

BE good to your stomach, and it will be good to you. You would not give it poisonous food, neither must you put into it so-called dyspepsia "cures," composed of deleterious properties, if you would retain or regain health.

A successful article is always imitated, and **Hostetter's Stomach Bitters** is no exception to this rule. For the sake of your own well-being, as well as to protect your intelligence from insult, be positive that you receive the genuine Bitters, and not one of its many imitators, falsely claimed to be "just as good." There is nothing just as good. The Bitters is the perfect remedy.

TESTS OF GENUINENESS:

Blown in the bottle is the name of the preparation (Dr J. Hostetter's Stomach Bitters). On one side of the bottle is a fine steel plate label, on which St. George and the Dragon figure as a vignette, and at its foot is a miniature note of hand, with engraved *fac-simile* of the signature of the President of our Company. The directions for use, in bronze letters on a dark ground, are on the opposite side. A metallic cap, stamped with a medallion head and the name of the article, envelops the cork. The Bitters is put up **ONLY IN GLASS**, and sold by the bottle or case. The monogram of the Company, thus **(THE)** **(CO.)** is burnt on the top of the cork of each bottle, which is a protection against tampering with or refilling the bottle.

On July 1, 1901, the War Tax of 1898 on Proprietary Medicines was removed, and the Revenue Stamp discontinued. We have substituted a finely engraved steel plate label, similar in size, appearance and position on bottle as our late U. S. Proprietary Revenue Stamp. It is placed over the cork of the bottle, covering the metallic cap, and adhering to the neck of the bottle on either side. As this label cannot be tampered with without mutilation, it is important that purchasers examine this additional safeguard to the genuineness and purity of Hostetter's Stomach Bitters.

Congress has passed stringent laws to punish the counterfeiting of Trade Mark Goods, and the sale and dealing in of the same. The Hostetter Company has received an unbroken series of favorable decisions when courts of justice have been invoked, and they will continue to prosecute all who foist a spurious article upon the public in their name, to the injury of their business and the health of their patrons.

The public should also beware of the local bitters attractively labelled and sold as "appetizers" and "stomachics." The injury inflicted upon the stomach by these drams in disguise is irreparable. They are composed of cheap and fiery spirits, with some bitter extract infused for flavoring, and in consequence of the low price at which they are sold, enjoy the patronage of impecunious imbibers.

Hostetter's California Almanac

FOR THE YEAR

1903

CALCULATED FOR

CALIFORNIA AND OREGON.

HOW TO RETAIN OR REGAIN HEALTH.

IGNORANCE is forever in conspiracy with death. Millions of people die annually because they know almost nothing of the human body. This is not an idle statement, it is a vital fact.

The human organism is simply a machine, its different organs, like wheels and pulleys in any hand-made machine. *Each organ must do its part*, or this human machine will not run properly. When an organ becomes weakened, it makes it known by pain or disagreeable sensations. These we call *symptoms*. The mistake most people make is in disregarding these warnings. They give them no attention, and yet when serious disease ensues, they wonder how it happened.

Gradually as we become more enlightened, people are commencing to realize that their sensations simply indicate the condition of their body. If they feel bright, active and happy, they are in good condition. This is the sign of health—and every one's right. If it is not present, something is wrong, which must and may be righted.

The object of this Almanac, in addi-

tion to furnishing useful information, is to show how, by acquainting every reader with the value of one of the grandest remedies known to science.

For the past half century there has been before the public a compound called **Hostetter's Stomach Bitters**. It was originally prepared with the intention of meeting a great need—that of a cure for diseases of the digestive organs, some complications of which affected almost every native of the land. The Bitters, its marvellous properties affording relief wherever it was used, soon became known as a specific for all disturbances of the stomach, liver, bowels or kidneys. The news of its value flew from house to house, town to town, and state to state, until now, it is known to physicians and the public as well, as one of Nature's most valuable aids in eliminating disease from the system.




The Bitters is not for any special disease. It is for all who are sick, feeble, nervous, weak, exhausted. It is one of the greatest blessings possessed by mankind, and with its precious dower of Health, is within the reach of all, rich or poor, young or old.


HOSTETTER'S ALMANAC.


1903


THE TWELVE SIGNS OF THE ZODIAC.


RAM, Aries.  THE HEAD.

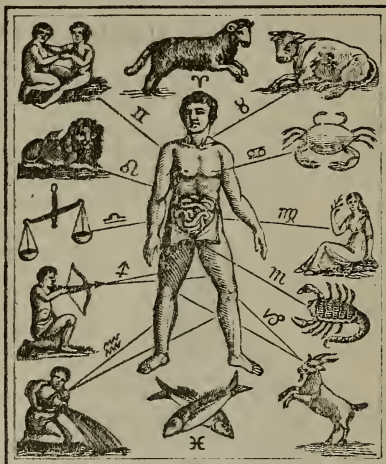
TWINS,
Gemini.
ARMS. 


LION,
Leo.
HEART. 


BALANCE,
Libra.
REINS. 


ARCHER,
Sagittarius.
THIGHS. 


WATERMAN,
Aquarius.
LEGS. 




BULL,
Taurus.
NECK. 

CRAB,
Cancer.
BREAST. 

VIRGIN,
Virgo.
BOWELS. 

SCORPION,
Scorpio.
LOINS. 

GOAT,
Capricornus.
KNEES. 

FISHES, Pisces.  THE FEET.

CHRONOLOGICAL CYCLES.

Dominical Letter,.....	D.	Solar Cycle,.....	8
Epact,	2	Roman Indiction,	1
Lunar Cycle, or Golden Number,...	4	Julian Period,	6616

FIXED AND MOVABLE FESTIVALS.

Epiphany,	Jan.	6	Rogation Sunday,.....	May	17
Septuagesima Sunday,.....	Feb.	8	Ascension Day,.....	"	21
Quinquagesima—Shrove Sund.,	"	22	Pentecost—Whit Sunday,	"	31
Ash Wednesday,	"	25	Trinity Sunday,	June	7
First Sunday in Lent,.....	Mar.	1	Corpus Christi,.....	"	11
St. Patrick's Day,.....	"	17	Michaelmas Day,.....	Sept.	29
Annunciation,.....	"	25	First Sunday in Advent,.....	Nov.	29
Palm Sunday,.....	April	5	Christmas Day,.....	Dec.	25
Good Friday,.....	"	10	Ember Days.		
Easter Sunday,.....	"	12	Mar. 4, 6, 7;	Sept. 16, 18, 19;	
Low Sunday,.....	"	19	June 3, 5, 6;	Dec. 16, 18, 19.	

THE CALCULATIONS OF THIS ALMANAC ARE GIVEN IN MEAN SOLAR TIME

ECLIPSES FOR THE YEAR 1903

In the year 1903 there will be Four Eclipses—two of the Sun, and two of the Moon :

I.—An Annular Eclipse of the Sun, March 28-29. Invisible. Visible to Alaska and the greater part of Asia.

II.—A Partial Eclipse of the Moon, April 11-12. Invisible to San Francisco. Visible more or less to the greater part of North America, South America, Europe, Asia, Africa, and the Atlantic Ocean.

III.—A Total Eclipse of the Sun, September 21. Invisible. Visible to the south-eastern part of Africa, the southern edge of Australia, and the south Indian Ocean.

IV.—A Partial Eclipse of the Moon, October 6. Visible in part to the western coast of North America, Europe and Africa, and wholly to Asia and Australia. Occurring as follows :

Moon enters Penumbra,	San Francisco,	4 h. 18 m. M.
Moon enters Shadow,	“ “	5 h. 31 m. M.

First contact of shadow, 41 degrees from the north point of the Moon's limb toward the East.

Magnitude of Eclipse, = 0.868. (Moon's diameter, = 1.0)

THE SEASONS. (San Francisco Time.)

Vernal Equinox,.....	Spring begins,.....	March	21 d. 11 h. 5 m. A. M.
Summer Solstice,.....	Summer “	June	22 d. 6 h. 55 m. A. M.
Autumnal Equinox,....	Autumn “	Septemb.	23 d. 9 h. 34 m. P. M.
Winter Solstice,.....	Winter “	Decemb.	22 d. 4 h. 11 m. P. M.

MORNING AND EVENING STARS, 1903.

Mercury will be Evening Star about January 17, May 10, and September 7 ; and Morning Star about February 27, June 27, and October 18.

Venus will be Evening Star till September 17 ; then Morning Star the rest of the year.

Jupiter will be Evening Star till February 19 ; then Morning Star till September 11 ; and then Evening Star the rest of the year.

1st
Month31
Days

JANUARY

MOON'S PHASES.

SAN FRANCISCO.

☾	FIRST QUARTER.....	D. H. M.	
☾	FULL MOON.....	6 1 47	Evening.
☾	LAST QUARTER.....	13 6 8	Morning.
☾	NEW MOON.....	20 3 40	"
		28 8 29	"

Day Month.	Day Week.	HISTORICAL EVENTS.	Moon's Constellation	Sun	Sun	Sun	Moon	Moön	High Water.	
				Slow	Ris.	Sets.	Sets.	South		
				M. S.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	Th	Leon Gambetta died, 1883	♏	3 28	7 16	4 51	7 51	2 17	2 19 s	1 51 l
2	Fri	Battle of Trenton, 1777		3 56	7 16	4 51	8 47	3 2	2 47 s	1 57 l
3	Sa	Glass rediscovered, 653		4 24	7 16	4 52	9 44	3 46	3 15 s	2 51 l
1.) 2d Sunday after Christmas.				Luke 2.		Day's length, 9 h. 36 m.				
4	S	Arnold invaded Virginia, 1781	♏	4 52	7 17	4 53	10 42	4 31	3 49 s	3 44 l
5	Mo	Catherine de Medici died, 1589		5 19	7 17	4 54	11 42	5 16	4 30 l	4 48 s
6	Tu	Santa Ana president Mexico, 1853		5 46	7 17	4 55	Mor.	6 3	5 21 l	6 11 s
7	We	Dr. Edward M'Glynn died, 1900	♏	6 12	7 17	4 56	0 43	6 54	6 41 l	7 30 s
8	Th	Chicago Fair buildings burnt 1894		6 38	7 16	4 56	1 47	7 47	6 48 l	8 48 s
9	Fri	Francis Drake died, 1606		7 3	7 16	4 57	2 53	8 44	7 34 l	10 0 s
10	Sa	English Penny Post, 1840	♏	7 23	7 16	5 58	4 0	9 45	8 23 l	11 17 s
2.) 1st Sunday after Epiphany.				Luke 2.		Day's length, 9 h. 43 m.				
11	S	Riot in Philadelphia, 1843	♏	7 53	7 16	4 59	5 4	10 47	9 51 l	.....
12	Mo	Bonaparte family banished, 1816		8 16	7 16	5 0	6 6	11 50	0 5 s	9 52 l
13	Tu	Robert Bruce died, 1329		8 39	7 15	5 1	Ris.	Mor.	0 50 s	10 42 l
14	We	Peace ratified, 1781	♏	9 1	7 15	5 2	6 54	0 50	1 30 s	11 40 l
15	Th	Charleston burnt, 1778		9 24	7 15	5 3	8 6	1 49	2 14 s	0 40 l
16	Fri	Samoa treaty ratified, 1900		9 45	7 15	5 4	9 13	2 44	2 54 s	1 39 l
17	Sa	John Tyler died, 1862	♏	10 5	7 14	5 5	10 18	3 35	3 29 s	2 42 l
3.) 2d Sunday after Epiphany.				John 2.		Day's length, 9 h. 53 m.				
18	S	London Times established, 1785	♏	10 24	7 14	5 7	11 21	4 25	4 61 l	4 4 s
19	Mo	Peter II. of Russia died, 1730		10 43	7 13	5 8	Mor.	5 13	4 46 l	5 22 s
20	Tu	John Ruskin died, 1900		11 2	7 13	5 9	0 22	6 0	5 32 l	6 39 s
21	We	Thomas Erskine born, 1756	♏	11 20	7 13	5 10	1 20	6 47	6 13 l	7 52 s
22	Th	Henry VIII. born, 1547		11 32	7 12	5 11	2 15	7 33	6 52 l	9 0 s
23	Fri	Daniel O'Connell tried, 1841		11 53	7 12	5 12	3 8	8 20	7 34 l	10 8 s
24	Sa	Charles Fox born, 1749	♏	12 8	7 11	5 13	3 59	9 8	8 14 l	10 59 s
4.) 3d Sunday after Epiphany.				Matt. 8.		Day's length, 10 h. 3 m.				
25	S	Brigham H. Roberts rejected 1900	♏	12 23	7 11	5 14	4 47	9 55	8 59 l	11 39 s
26	Mo	Michigan admitted, 1837		12 37	7 10	5 15	5 31	10 42	9 41 l	.....
27	Tu	Peter the Great died, 1725		12 50	7 19	5 16	6 11	11 29	0 12 s	10 38 l
28	We	Napoleon III. married, 1853	♏	13 2	7 9	5 18	Sets.	Ev 15	0 40 s	11 26 l
29	Th	George IV. reigns, 1820		13 13	7 8	5 19	6 40	1 0	1 9 s	0 19 l
30	Fri	William Goebel assassinated, 1900		13 23	7 7	5 20	7 37	1 45	1 33 s	1 9 l
31	Sa	Great Eastern launched, 1853	♏	13 33	7 6	5 21	7 35	2 30	1 56 s	1 51 l

Note.—The Tides for San Francisco are very irregular in height and interval. The asterisk (*) denotes the second morning tide, and the obelisk (†) the first afternoon tide. The letter (l) denotes the larger tide for the day, and the letter (s) the smaller one.

Hostetter's Celebrated Stomach Bitters,

THE GREAT VEGETABLE REMEDY.

IS OFFERED TO THE PEOPLE OF

PACIFIC SLOPE STATES

AS AN

UNFAILING SOURCE OF HEALTH & STRENGTH.

PERHAPS no body of adventurers were ever subjected to greater hardships than the pioneer miners of California, in the early days of the State. Fever and ague, typhus, and disorders of the stomach, liver and intestines, thinned the mining ranks, and spread terror through the camps, and the accounts which reached the Eastern seaboard of the horrors and hardships of camp life, subdued the new-fledged ardor of many a would-be adventurer.

It was in this gloomy epoch in the history of the State that the career of **Hostetter's Stomach Bitters** on the Pacific coast began, and the results of the crucial tests to which it was then subjected laid the foundations of its success in that region. Against the endemic maladies then and there prevalent, the ordinary resources of *Materia Medica* had proved well nigh futile, and the miners were dying like sheep. Very soon after the arrival of the Bitters, it became manifest that it afforded a reliable protection against the malarial scourge, as well as a remedy for it. Not only were its proprietors warranted in sending increased consignments of the Bitters to the camps, but gold seekers arriving from the East brought it with

them as a safeguard. As a medicinal stimulant, counteracting the effects of exhaustion and exposure, as a remedy for every type of fever and ague and bilious remittent then prevalent, as an invigorant of the debilitated and nervous, and as a curative of disorders of the stomach, liver and bowels, it speedily proved its efficacy, and was assigned by universal consent the foremost place among camp medicines.

Since that day Hostetter's Stomach Bitters has become the most popular medicine on the Pacific seaboard. In every locality, aye, even at the very outposts of civilization, west of the Rockies, its merits are known and acknowledged. In the mining regions of Nevada and Colorado, the deserved prestige which it originally acquired in the Nugget State, has grown with their growth, and wherever on this coast, atmospheric and other conditions are favorable to the development of malaria, in just such localities is this benign remedy and preventive most popular. There is no more conspicuous example than that afforded by Hostetter's Stomach Bitters, of the general esteem which may be gained by a medicine of tried and proven efficacy, unbolstered by blatant puffery and pretension.



MOON'S PHASES.

SAN FRANCISCO.

- ☾ FIRST QUARTER,
 ☽ FULL MOON,
 ☾ LAST QUARTER,
 ☾ NEW MOON,

D.	H.	M.	
5	2	3	Morning.
11	4	49	Evening.
18	10	13	"
27	2	10	Morning.

Day Month.	Day Week.	HISTORICAL EVENTS.	Moon's Constellat'n	Sun Slow	Sun Ris.	Sun Sets.	Moon Sets.	Moon South	High Water.	
				M S.	H. M.	H. M.	H. M.	H. M.	Morn.	Even.
5.) 4th Sunday after Epiphany.				Matt. 8.		Day's length, 10 h. 17 m.				
1	S	Lempiere died, 1824		13 42	7 5	5 22	9 35	3 15	2 19 l	2 37 s
2	Mo	Kearsarge wrecked, 1894		13 50	7 5	5 23	10 36	4 1	2 54 l	3 44 s
3	Tu	George W. Childs died, 1894		14 58	7 4	5 24	11 37	4 49	3 29 l	4 55 s
4	We	Hay-Pauncefote treaty sign, 1900		14 4	7 3	5 25	Mor.	5 40	4 13 l	6 13 s
5	Th	Roger Williams lands, 1631		14 10	7 2	5 26	0 40	6 33	5 1 l	7 27 s
6	Fri	French Alliance, 1778		14 15	7 1	5 27	1 44	7 29	5 52 l	8 46 s
7	Sa	Georgia settled, 1733		14 18	7 0	5 29	2 47	8 29	6 46 l	9 46 s
6.) Septuagesima Sunday.				Matt. 20.		Day's length, 10 h. 31 m.				
8	S	John W. Geary died, 1873		14 21	6 59	5 30	3 48	9 30	7 51 l	10 49 s
9	Mo	Peace at Luneville, 1801		14 23	6 58	5 31	4 45	10 30	8 50 l	11 36 s
10	Tu	Canada ceded, 1763		14 25	6 57	5 32	5 55	11 29	9 45 l	.....
11	We	First English Lottery, 1569		14 25	6 56	5 33	Ris.	Mor.	0 19 s	10 36 l*
12	Th	Queen Catherine beheaded, 1542		14 25	6 54	5 35	6 48	0 26	0 51 s	11 30 l*
13	Fri	Von Bulow died, 1894		14 25	6 53	5 36	7 57	1 21	1 29 s	0 48 l
14	Sa	St. Valentine's Day.		14 23	6 52	5 37	9 2	2 12	2 3 l	1 34 s
7.) Sexagesima Sunday.				Luke 8.		Day's length, 10 h. 47 m.				
15	S	McKane convicted, 1894		14 21	6 51	5 38	10 6	3 2	2 39 l	2 29 s
16	Mo	Dr. Kane died, 1857		14 17	6 50	5 39	11 7	3 51	3 11 l	3 37 s
17	Tu	Peace with England, 1815		14 13	6 48	5 40	Mor.	4 40	3 47 l	4 57 s
18	We	Duke of Guise shot, 1563		14 9	6 47	5 41	0 4	5 23	4 31 l	6 16 s
19	Th	Liverpool bread riot, 1845		14 4	6 46	5 42	1 0	6 15	5 16 l	7 27 s
20	Fri	Grow elected to Congress, 1894		13 58	6 45	5 43	1 52	6 3	6 1 l	8 38 s
21	Sa	Dr. Leslie E. Kelsey died, 1900		13 52	6 44	5 44	2 42	6 51	6 44 l	9 38 s
8.) Quinquagesima—Shrove Sunday.				Luke 18.		Day's length, 11 h. 3 m.				
22	S	Dan Rice died, 1900		13 45	6 42	5 45	3 27	8 38	7 33 l	10 29 s
23	Mo	Joshua Reynolds died, 1792		13 37	6 41	5 46	4 10	9 25	8 31 l	11 8 s
24	Tu	Johnson impeached, 1863		13 29	6 40	5 47	4 49	10 11	9 20 l	11 41 s
25	We	Flight of Louis Philippe, 1848		13 20	6 39	5 48	5 25	10 57	10 7 l	.....
26	Th	J. P. Kemble died, 1823		13 10	6 37	5 49	Sets.	11 42	0 6 s	11 4 l*
27	Fri	Nicholas Biddle died, 1844		13 0	6 36	5 50	6 29	Ev 27	0 29 s	0 5 l
28	Sa	Ladysmith relieved, 1900		12 50	6 34	5 51	7 29	1 13	0 53 l	0 48 s

FIERY spices create a thirst that the town pump cannot supply; thus the kitchen becomes a vestibule to the saloon, and the cook goes in partnership with the undertaker.

A MAN well up in dog lore counsels intending purchasers of a puppy to let the mother of the puppy choose for them. The first the mother picks up in carrying them back to their bed will always be the best.

RULES FOR EATING.—Be seated while you eat, and let your brain as well as your body be in as negative condition as possible. Don't read while eating, and don't eat in a hurry. To take plenty of time over insignificant things, and very little over such an essential matter as eating, is not wisdom. A small amount of food properly masticated will do you more good than the most delicious viands bolted in a hurry. Never eat a hearty dinner when you are

heated or very tired. Better far lie down and rest. Don't drink when eating. Don't sleep so late every morning that it leaves you no time to properly masticate your food when you sit down to breakfast. Eat only wholesome foods, avoiding pastry and sweets. If the dyspeptic will follow these rules, at the same time strengthening the stomach and enriching the blood with Hostetter's Stomach Bitters, he will not be long in finding health

SCALE OF DIFFERENT THERMOMETERS.

The following table is designed to enable observers to convert temperature readings from one scale to the other without resorting to a mathematical formula:

Reaumur.	Centigrade.	Fahrenheit.	PHENOMENA.
80°	100°	212°	...Water Boils. (At Sea-Level.)
76	95	203	
72	90	194	
68	85	185	
63½	79½	174	...Alcohol Boils.
60	75	167	
56	70	153	
52	65	149	
48	60	140	
43	53	127	
40	50	122	
36	45	113	...Fever Heat.
32	40	104	
29	37	98½	...Blood Heat.
25¾	32¼	90	
24	30	80	
20	25	77	
19	24	76	...Summer Heat.
16	20	68	
12	15	59	
10	13	55	...Temperate.
8	10	50	
5¾	7¼	45	
3¾	4½	40	
1½	2	35	
0	0	32	...Water Freezes.
-4	-5	23	
-5½	-7	20	
-8	-10	14	
-10	-12½	10	
-12	-15	5	
-14	-18	0	...Zero, Fahrenheit.
-16	-20	-4	
-19	-24	-10	
-20	-25	-13	
-24	-30	-20	

SUNFLOWER seeds make a good feed for fowls during summer, especially in moulting time. As a winter feed they add to the vari-

ety. The seeds give lustre to the plumage, being very nitrogenous and rich in fats. About a quart to thirty fowls, twice a week, is a good way to feed them.

From J. W. COOPER, Harviell, Missouri,
April 14, 1900:

Gents—It is with great pleasure I write you to-day. I have been in the drug business some eight years, and have sold Hostetter's Stomach Bitters all the time. I have been a sufferer from stomach trouble more or less all my life. Some of my customers using the Hostetter Bitters induced me to try them, and I am proud to say they entirely cured me. I am unable to write my esteem of them, for the benefit I have derived from their use.

CONVERSATION.

Conversation is but carving:

Give no more to every guest,

Than he's able to digest;

Give him always of the prime,

And but little at a time;

Give to all but just enough,

Let them neither starve nor stuff,

And that each may have his due,

Let your neighbor carve for you.

SIR WALTER SCOTT.

How the boy Macaulay read: When a boy I began to read very earnestly, but at the foot of every page I read I stopped and obliged myself to give an account of what I had read on that page. At first I had to read it three or four times before I got my mind firmly fixed, but I compelled myself to comply with the plan, until now after I have read a book through once, I can almost recite it from the beginning to the end.



MOON'S PHASES.

SAN FRANCISCO.

☾ FIRST QUARTER,	D. H. M.
☾ FULL MOON,	6 11 5 Morning.
☾ LAST QUARTER,	13 4 4 "
☾ NEW MOON,	20 5 59 Evening.
	28 5 17 "

Day Month.	Day Week.	HISTORICAL EVENTS.	Moon's Constellation	Sun Slow	Sun Ris.	Sun Sets.	Moon Sets.	Moon South	High Water.
				M. S.	H. M.	H. M.	H. M.	H. M.	Morn. Even.
									H. M. H. M.
9.) 1st Sunday in Lent.				Matt. 4.		Day's length, 11 h. 19 m.			
1	S	First Spectator published, 1711	♊	12 38	6 33	5 52	8 29	1 59	1 21 1 39 s
2	Mo	Jubal A. Early died, 1894	♊	12 26	6 32	5 53	9 31	2 47	1 46 2 36 s
3	Tu	Gladstone resigned, 1894	♊	12 14	6 30	5 54	10 34	3 37	2 11 3 37 s
4	We	Jackson inaugurated, 1829	♊	12 1	6 29	5 55	11 37	4 29	2 43 4 43 s
5	Th	La Place died, 1827	♊	11 48	6 27	5 56	Mor.	5 24	3 30 5 56 s
6	Fri	Alamo fight, 1836	♊	11 34	6 26	5 57	0 39	6 20	4 23 7 22 s
7	Sa	Bible Society founded, 1804	♊	11 20	6 25	5 58	1 38	7 18	5 22 8 22 s
10.) 2d Sunday in Lent.				Matt. 15.		Day's length, 11 h. 36 m.			
8	S	William III. died, 1702	♊	11 8	6 23	5 59	2 34	8 17	6 29 9 27 s
9	Mo	William I. of Germany died, 1888	♊	10 51	6 22	6 0	3 26	9 15	7 39 10 27 s
10	Tu	Prince of Wales married, 1862	♊	10 38	6 20	6 1	4 14	10 11	8 41 11 15 s
11	We	New York blizzard, 1838	♊	10 20	6 19	6 2	4 57	11 6	9 37 11 51 s
12	Th	Patent for New York, 1664	♊	10 4	6 17	6 3	5 36	11 58	10 29 11 58 s
13	Fri	Gold standard bill passed, 1900	♊	9 48	6 16	6 4	Ris.	Mor.	0 19 11 23 1/2 s
14	Sa	Rev. Thos. K. Beecher died, 1900	♊	9 31	6 14	6 5	7 46	0 49	0 47 0 27 s
11.) 3d Sunday in Lent.				Luke 11.		Day's length, 11 h. 53 m.			
15	S	Insurrection La Vendee, 1793	♊	9 15	6 13	6 6	8 50	1 39	1 9 1 34 s
16	Mo	James Madison born, 1751	♊	8 58	6 11	6 7	9 50	2 29	1 44 2 33 s
17	Tu	St. Patrick's Day.	♊	8 40	6 10	6 8	10 47	3 18	2 7 3 36 s
18	We	John C. Calhoun born, 1782	♊	8 23	6 8	6 9	11 42	4 7	2 36 4 44 s
19	Th	Milan revolt, 1848	♊	8 5	6 7	6 10	Mor.	4 55	3 18 6 1 s
20	Fri	Louis Kossuth died, 1894	♊	7 47	6 5	6 11	0 33	5 43	4 7 7 5 s
21	Sa	Lucknow captured, 1858	♊	7 29	6 4	6 12	1 21	6 31	5 5 8 1 s
12.) 4th Sunday in Lent.				John 6.		Day's length, 12 h. 11 m.			
22	S	Earthquake at Quito, 1859	♊	7 11	6 2	6 13	2 5	7 18	6 3 8 53 s
23	Mo	Chief Justice Waite died, 1888	♊	6 53	6 1	6 14	2 45	8 5	7 5 9 41 s
24	Tu	Longfellow died, 1882	♊	6 25	5 59	6 14	3 22	8 51	8 7 10 19 s
25	We	Coxey starts for Washington 1894	♊	6 17	5 58	6 15	3 57	9 38	9 5 10 49 s
26	Th	Reign of Terror in Paris, 1871	♊	5 53	5 56	6 16	4 30	10 21	9 59 11 14 s
27	Fri	Gen. Joubert died, 1900	♊	5 40	5 54	6 17	5 3	11 7	10 50 11 39 s
28	Sa	Canada ceded to France, 1632	♊	5 22	5 53	6 18	Sets.	11 54	11 34 s
13.) 5th Sunday in Lent.				John 8.		Day's length, 12 h. 23 m.			
29	S	Swedenborg died, 1772	♊	5 4	5 51	6 19	7 20	Ev 42	0 6 0 40 s
30	Mo	Earthquake in Peru, 1823	♊	4 45	5 50	6 20	8 26	1 33	0 29 1 55 s
31	Tu	Allies enter Paris, 1814	♊	4 27	5 48	6 21	9 29	2 25	0 52 2 52 s

WHEN you hear a woman boast that she is going to marry a man to reform him, the chances are that she was unable to get a man that didn't need reforming.



PROFESSOR.—Will you sell me 25 cents' worth of camphor?

CLERK.—Yes, sir.

PROFESSOR (absent-mindedly).—How much^s is it?

CLERK.—Fifty cents.

From WM. GABERT, 1736 Olive Street, Indianapolis, May 26, 1900:

I was for many years troubled with poor digestion; used to spit up my food after each meal. Doctors treated me for dyspepsia, but did me no good. My druggist recommended me to try Hostetter's Stomach Bitters, and it worked like a charm. I am now sound as a dollar, and able to do a full day's work. I keep Hostetter's Bitters in the house, and recommend it to all afflicted as I have been.

AN AGREEABLE MOTH POWDER.—According to some authorities it is not necessarily the disagreeable odors that drive away, or keep away moths, but that almost any powerful fragrant odor is despised by them quite as much. On this principle the following very pleasant moth powder has been constructed, and its action is said to be almost magical: Mix one part each of freshly ground cloves, mace, nutmeg, cinnamon, caraway and tonka bean, with six parts of

orris. The ingredients must be of the best quality. The oils of clove and cinnamon might be used to fortify the mixture.

THERE is no little and there is no much.

We weigh and measure and define in vain.

A look, a word, a light responsive touch,

Can be the ministers of joy to pain.

A man can die of hunger walled in gold,

A crumb may quicken hope to stronger breath,

And every day we give or we withhold

Some little thing which tells for life or death.

From DR. A. RETTER, Utica, N. Y., January 2, 1900:

I am using your Hostetter's Stomach Bitters in my family and otherwise with great satisfaction.

WIFE (sleepily): "What is the matter with baby?" HUSBAND (on the walk): "I think he is suffering from an attack of yellow fever."



MOON'S PHASES.

SAN FRANCISCO.

☾ FIRST QUARTER.....	D. H. M.	4 5 42 Evening.
☾ FULL MOON.....	11 4 9	"
☾ LAST QUARTER.....	19 1 21	"
☾ NEW MOON.....	27 5 22	Morning.

Day Month.	Day Week.	HISTORICAL EVENTS.	Moon's Constellation	Sun Slow		Sun Ris.	Sun Sets.	Moon Sets.	Moon South	High Water.	
				M	S.	H. M.	H. M.	H. M.	H. M.	Morn.	Even.
1	We	Dr. George S. Miyart died, 1900		4	9	5 47	6 22	10 32	3 20	1 17	3 43 s
2	Th	Professor Morse died, 1872		3	51	5 45	6 23	11 32	4 16	1 55	4 49 s
3	Fri	First Whitechapel murder, 1888		3	33	5 44	6 23	Mor.	5 13	2 46	5 46 s
4	Sa	President Harrison died, 1841		3	15	5 42	6 24	0 29	6 11	3 56	6 54 s

14.) Palm Sunday.

Matt. 27.

Day's length, 12 h. 44 m.

5	S	Robert Raikes died, 1811		2	57	5 41	6 25	1 21	7 8	5 10	7 58 s
6	Mo	Battle of Shiloh, 1862		2	40	5 39	6 26	2 9	8 3	6 23	8 57 s
7	Tu	Earthquake in Mexico, 1845		2	23	5 38	6 27	2 53	8 57	7 35	9 49 s
8	We	Lorenzi de Medici died, 1492		2	5	5 36	6 28	3 33	9 48	8 39	10 29 s
9	Th	Surrender of Lee, 1865		1	48	5 35	6 29	4 10	10 39	9 39	11 3 s
10	Fri	Thomas H. Benton died, 1858		1	32	5 33	6 30	4 45	11 28	10 34	11 16
11	Sa	Battle of Ravenna, 1512		1	15	5 32	6 31	Ris.	Mor.	11 31	11 41

15.) Easter Sunday.

John 20.

Day's length, 13 h. 2 m.

12	S	French fleet captured, 1782		0	59	5 30	6 32	7 35	0 18	.....	0 33 s
13	Mo	David Dudley Field died, 1894		0	43	5 29	6 32	8 34	1 7	0 12	1 44 s
14	Tu	Breckinridge convicted, 1894		0	27	5 27	6 33	9 31	1 57	0 44	2 36 s
15	We	Matthew Arnold died, 1888		0	12	5 26	6 34	10 24	2 46	1 10	3 32 s
16	Th	French evacuate Mexico, 1867		Fast.	5	25	6 35	11 14	3 35	1 38	4 24 s
17	Fri	Death of Franklin, 1790		0	17	5 23	6 36	11 59	4 24	2 24	5 23 s
18	Sa	Roscoe Conkling died, 1888		0	31	5 22	6 37	Mor.	5 11	3 25	6 18 s

16.) Low Sunday.

John 20.

Day's length, 13 h. 18 m.

19	S	Dollinger excommunicated, 1871		0	45	5 20	6 38	0 41	5 58	4 30	7 11 s
20	Mo	Charles Darwin died, 1882		0	59	5 19	6 39	1 18	6 44	5 37	7 55 s
21	Tu	Joan of Arc beatified, 1894		1	12	5 18	6 40	1 53	7 29	6 41	8 38 s
22	We	Panic in England, 1825		1	24	5 17	6 41	2 27	8 14	7 43	9 16 s
23	Th	William Shakespeare born, 1564		1	36	5 15	6 41	3 1	8 59	8 52	9 52 s
24	Fri	Daniel Defoe died, 1731		1	47	5 14	6 42	3 35	9 45	9 47	10 23
25	Sa	King John crowned, 1199		1	58	5 13	6 43	4 8	10 32	10 41	10 46

17.) 2d Sunday after Easter.

John 10.

Day's length, 13 h. 32 m.

26	S	Odd-Fellowship in U. States, 1819		2	8	5 12	6 44	4 42	11 23	11 36	11 6
27	Mo	Ralph W. Emerson died, 1882		2	18	5 11	6 45	Sets.	Ev 15	0 32	11 32
28	Tu	Danish Counts beheaded, 1772		2	28	5 9	6 46	8 20	1 10	...	1 32 s
29	We	Macready died, 1873		2	37	5 8	6 47	9 24	2 8	0 3	2 43 s
30	Th	Washington inaugurated, 1789		2	46	5 7	6 48	10 24	3 7	0 36	3 36 s

Wouldst thou fashion for thyself a seemly life?

Then do not fret over what is past and gone,

And spite of all thou may'st have left behind,
Live each day as if thy life were just begun.

GOETHE.

THE CURSE OF CONSTIPATION.

CONSTIPATION, to many people, seems too trivial to regard seriously, and yet it is the apparently little things of life that make all the trouble. Daily activity of the bowels is one of the essentials of health. A person might as well try to work with a broken arm as to feel well while afflicted with constipation.

Nine-tenths of all the disease and misery in the world springs from the fact that the bowels are not strong enough to expel refuse matter poured into them. There it accumulates, being finally reabsorbed into the blood, to travel all over the system, deranging and interfering with the activity of every organ in the body. Health is absolutely impossible if constipation be present. As well try to have a good fire with a clogged chimney as to look well or be well with clogged bowels. Many serious cases of liver and kidney complaint have sprung from neglected constipation. Such a deplorable state of affairs

is unnecessary. There is a cure for it. **Hostetter's Stomach Bitters** will gently remedy matters. It heals, and then strengthens. It does not bind one to its use forever, because its mission is to heal and make new. This it will do for any one, and by overcoming constipation, it also prevents and cures affections of the digestive system, liver and kidneys. The action of the Bitters is not purgative. There is nothing violent or griping about it. Such a method can do nothing but shock and harm the system. The Bitters goes to work in Nature's own way, gently removing the hardened and poisonous refuse matter, soothing and healing the strained and overloaded bowels, and finally so strengthening and revitalizing them that the patient suddenly recognizes that he is well. The Bitters will cure constipation, piles and similar diseases of the bowels and rectum, as well as prevent them. It is the ideal laxative for family use.

He fails who climbs to power and place,
Up the pathway of disgrace;
He fails not who makes truth his cause,
Nor bends to win the crowd's applause;
He fails not who stakes his all
Upon the right, and dares to fall;
What though the living bless or blame?
For him the long success of fame.

RICHARD WATSON GILDER.

INCREASING ROSES.—The easiest and surest way of increasing the supply of rose plants is by layering. Select a strong and healthy shoot—one that comes out near the base of the plant, if possible—and bend it down so that a part of it will reach the ground. At the point where it comes in contact with the soil make a cut about half way through the stalk on the under side. Bury the stalk to the depth of three or four inches, with the

cut at the lowest part of the curve, and fasten by laying a small stone over the soil that covers it. Then set a stake near this place, and tie the end of the branch to it in an upright condition, and allow the branch to form roots at its leisure. This should be done in June or July. By fall the roots will most likely have been formed, but do not remove the plants until spring. Most shrubs can be propagated in the same manner.

Mix charcoal, powdered or whole, in the soil which bulbs (or plants, for that matter) are to be planted in. It keeps the soil pure and wholesome, besides imparting brighter hues to the blossoms and strength to the perfume.

THE workshop of character is everyday life. The uneventful and commonplace hour is where the battle is won or lost.



MOON'S PHASES

SAN FRANCISCO.

	D.	H.	M.	
☾ FIRST QUARTER,.....	3	11	17	Evening.
☾ FULL MOON,.....	11	5	9	Morning.
☾ LAST QUARTER,.....	19	7	9	"
☾ NEW MOON,.....	26	2	41	Evening.

Day Month.	Day Week.	HISTORICAL EVENTS.	Moon's Constellation	Star Fast.	Sun Ris.	Sun Sets.	Moon Sets.	Moon South.	High Water.
				M. S.	H. M.	H. M.	H. M.	H. M.	Morn. Even.

1	Fri	Michael Munkacsy died, 1900	♏	2 54	5 6	6 49	11 19	4 6	1 25 l 4 23 s
2	Sa	English took Jamaica, 1655	♏	3 1	5 5	6 50	Mor.	5 4	2 31 l 5 19 s

18.) 3d Sunday after Easter.

John 16.

Day's length, 13 h. 47 m.

3	S	Mahomet II. died, 1481	♏	3 8	5 3	6 50	0 8	6 0	3 51 l 6 25 s
4	Mo	Battle of Tewksbury, 1471	♏	3 15	5 2	6 51	0 52	6 53	5 9 l 7 23 s
5	Tu	James L. Orr died, 1873	♏	3 21	5 1	6 52	1 32	7 44	6 23 l 8 13 s
6	We	Cavendish assassinated, 1882	♏	3 26	5 0	6 53	2 10	8 34	7 35 l 8 59 s
7	Th	Gen. Worth died, 1849	♏	3 31	4 59	6 54	2 46	9 23	8 44 s 9 49 l
8	Fri	Robert Morris died, 1806	♏	3 35	4 58	6 55	3 20	10 11	9 39 s 10 21 l
9	Sa	Battle Resaca de la Palma, 1846	♏	3 39	4 57	6 56	3 55	11 0	10 33 s 10 43 l

19.) 4th Sunday after Easter.

John 16.

Day's length, 14 h. 1 m.

10	S	Louis XV. died, 1774	♏	3 42	4 56	6 57	4 33	11 49	11 27 s 11 1 l
11	Mo	T. Buchanan Read died, 1872	♏	3 44	4 55	6 58	Ris.	Mor.	0 23 s 11 23 l
12	Tu	Union Pacific Railroad open, 1869	♏	3 46	4 54	6 59	8 16	0 38	1 27 s
13	We	Slavery in Brazil abolished, 1888	♏	3 48	4 53	6 59	9 7	1 27	2 26 s
14	Th	Pullman employees strike, 1894	♏	3 49	4 52	7 0	9 53	2 16	0 32 l 3 9 s
15	Fri	Cuvier died, 1852	♏	3 49	4 51	7 1	10 37	3 4	1 9 l 3 51 s
16	Sa	Makeing relieved, 1900	♏	3 49	4 50	7 2	11 16	3 52	1 53 l 4 38 s

20.) Rogation Sunday.

John 16.

Day's length, 14 h. 14 m.

17	S	Lopez in Cuba, 1850	♏	3 48	4 49	7 3	11 51	4 38	2 50 l 5 28 s
18	Mo	Acre taken, 1291	♏	3 47	4 49	7 4	Mor.	5 23	3 54 l 6 16 s
19	Tu	French fleet captured, 1692	♏	3 45	4 48	7 5	0 26	6 7	5 2 l 6 59 s
20	We	Lafayette died, 1834	♏	3 42	4 47	7 6	0 59	6 52	6 9 l 7 40 s
21	Th	Battle of Essling, 1809	♏	3 39	4 46	7 7	1 31	7 36	7 16 l 8 23 s
22	Fri	Constantine died, 337	♏	3 35	4 46	7 8	2 5	8 22	8 18 s 9 4 l
23	Sa	Prussians enter Paris, 1871	♏	3 31	4 45	7 8	2 39	9 10	9 22 s 9 35 l

21.) Sunday after Ascension.

John 15-16.

Day's length, 14 h. 24 m.

24	S	Kidd executed, 1701	♏	3 26	4 45	7 9	8 16	10 2	10 25 s 10 4 l
25	Mo	Paley died, 1805	♏	3 20	4 44	7 10	8 57	10 56	11 30 s 10 28 l
26	Tu	Battle of Ostrolinka, 1831	♏	3 14	4 43	7 11	Sets.	11 54	0 28 s 11 2 l
27	We	Cornelius Vanderbilt born, 1794	♏	3 8	4 43	7 11	8 12	Ev 54	1 28 s 11 36 l
28	Th	Quebec burnt, 1845	♏	3 1	4 42	7 12	9 11	1 55	2 30 s
29	Fri	Gen. Putnam died, 1790	♏	2 54	4 42	7 12	10 4	2 54	0 22 l 3 20 s
30	Sa	Nebraska Territory formed, 1854	♏	2 46	4 41	7 13	10 52	3 53	1 13 l 4 1 s

22.) Pentecost--Whit Sunday.

John 14.

Day's length, 14 h. 33 m.

31	S	Chalmers died, 1847	♏	2 38	4 41	7 14	11 35	4 49	2 20 l 4 54 s
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Do not be discouraged because your work is not appreciated. God never tires of making flowers and sunsets, although so few stop to admire them.

WHY YOUR STOMACH IS WEAK.

PEOPLE will eat everything that they should not. They crowd into their poor stomachs terrible mixtures, such as mince pie, preserves, cake, hot biscuits. After a time, according to the resisting power of the stomach, but invariably *some time*, they pay the penalty. They become nervous and cannot sleep. There is a feeling of fullness after meals. Their appetites vary from ravenous to no desire for food. There is belching and sourness, bad dreams, acute stomachic pains or colic. They have indigestion, constipation, heartburn, yellow skin, coated tongue, bad taste in the mouth, liver troubles and catarrh of the stomach. Now all these symptoms mean just one thing—simply that your stomach is weak, and not properly digesting the food given to it.

Hostetter's Stomach Bitters will right this wrong. It has been called the perfect stomach remedy

—the best, surest and safest in the world. It cannot possibly harm, and will do a great deal of good. It is a medicine you can depend upon. It will do good the first time you use it, and it will help just as much the last time it is taken. Its efficacy does not wear out with use. There are many preparations offered to the public which aid temporarily only. After a little the patient feels worse than before treatment. In glaring contrast to this, Hostetter's Stomach Bitters cures permanently, and it is this which has endeared it to the public and medical profession. People afflicted with disorders of the stomach will save themselves much needless suffering, as well as expense, if they will use the Bitters faithfully, either when there is the slightest symptom of derangement, or when neglect or abuse has established a condition of disease. The Bitters is absolutely reliable, as attested by over fifty years' experience.

THERE'S never a rose in all the world
But makes some green spray sweeter;
There's never a wind in all the sky
But makes some bird wing fleetier;
There's never a star but brings to heaven
Some silver radiance tender,
And never a rosy cloud but helps
To crown the sunset splendor;
No robin but may thrill some heart,
His dawnlight gladness voicing—
God gives us all some small, sweet way
To set the world rejoicing.

WOMEN'S CHANCES TO MARRY.

Between 50 and 56 years of age,	3 in a 1,000.
" 45 " 50 " " "	4 " "
" 40 " 45 " " "	25 " "
" 35 " 40 " " "	38 " "
" 30 " 35 " " "	155 " "
" 25 " 30 " " "	180 " "
" 20 " 25 " " "	520 " "
" 15 " 20 " " "	145 " "

FISH AS FOOD.—Fish are considered to be as digestible as lean beef. Cod, haddock and bluefish are more easily digested than the fatter fish, such as salmon, mackerel and shad. Fish is an economical food, and as such should have a place on the diet list; it is well suited to children, and to persons who lead sedentary lives, and do not take much exercise. As it is deficient in the materials which yield heat and muscular power, it should be supplemented by potatoes, bread and cereals.

AXIOMATIC.—"Papa, what is the difference between a politician and a statesman." "My son, the statesman rules the country and the politician rules the statesman."

A BABY is like a crop of wheat: It is first cradled, then thrashed, and finally it becomes the flower of the family.



MOON'S PHASES.

SAN FRANCISCO.

☾ FIRST QUARTER.....	D. H. M.	
☾ FULL MOON.....	2 5 15	Morning.
☾ LAST QUARTER.....	9 6 59	Evening.
☾ NEW MOON.....	17 10 35	"
	24 10 2	"

Day Month.	Day Week.	HISTORICAL EVENTS.	Moon's Constellat'n	Sun Fast.		Sun Ris.	Sun Sets.	Moon Sets.	Moon South	High Water.	
				M	S.	H. M.	H. M.	H. M.	H. M.	Morn.	Even.
										H. M.	H. M.
1	Mo	Kentucky a State, 1792	♈	{	2 30	4 40	7 11	Mor.	5 41	3 39 l	5 53 s
2	Tu	Garibaldi died, 1882			2 21	4 40	7 15	0 13	6 32	4 55 l	6 45 s
3	We	Transit of Venus, 1769	♈	{	2 12	4 39	7 16	0 49	7 21	6 8 l	7 32 s
4	Th	George III. born, 1738			2 2	4 39	7 17	1 23	8 9	7 21 s	8 3 l
5	Fri	Metternich died, 1859	♈	{	1 52	4 39	7 18	1 58	8 57	8 38 s	8 48 l
6	Sa	Memphis taken, 1862			1 42	4 39	7 18	2 34	9 45	9 43 s	9 17 l

23.) Trinity Sunday.

John 3.





Day's length, 14 h. 41 m.

7	S	Washington commander, 1775	♈	1	31	4	38	7	19	3	12	10	33	10	45 s	9	45 l
8	Mo	Douglas Jerrold died, 1857	♈	1	20	4	38	7	19	3	50	11	22	11	42 s	10	16 l
9	Tu	Charles Dickens died, 1870	♈	1	9	4	38	7	20	Ris.	Mor	0	31 s	10	37 l		
10	We	Crystal Palace opens, 1851	♈	0	57	4	38	7	20	7	50	0	11	1	28 l	11	23 l
11	Th	Str. Jeannette destroyed, 1882	♈	0	45	4	38	7	21	8	35	0	59	.....		2	6 s
12	Fri	Massacre at Paris, 1418	♈	0	33	4	38	7	21	9	16	1	47	0	8 l	2	40 s
13	Sa	Hawaiian governm't change, 1900	♈	0	21	4	38	7	22	9	53	2	34	0	52 l	3	12 s

24.) 1st Sunday after Trinity.

Luke 16.

Day's length, 14 h. 44 m.

14	S	Henry Vane executed, 1662		0	9	4	38	7	22	10	27	3	19	1	38 l	3	4 s
15	Mo	Emperor Frederick died, 1888		Slow	4	38	7	22	11	0	4	3	2	30 l	4	21 s	
16	Tu	Thomas A. Bayne died, 1894		0	17	4	38	7	23	11	33	4	47	3	31 l	5	5 s
17	We	Capture of Louisborg, 1745		0	29	4	38	7	23	Mor.	5	31	4	41 l	5	51 s	
18	Th	Cyclone in Iowa, 1882		0	42	4	38	7	24	0	4	6	15	5	43 s	6	34 l
19	Fri	Baron Von Ketteler murder, 1900		0	55	4	38	7	24	0	35	7	1	6	52 s	7	14 l
20	Sa	Victoria crowned, 1838		1	8	4	38	7	24	1	10	7	49	8	4 s	7	53 l

25.) 2d Sunday after Trinity.

Luke 14.

Day's length, 14 h. 46 m.

21	S	Black Hole tragedy, 1756	♈	1	21	4	38	7	24	1	49	8	41	9	19 s	8	33 l
22	Mo	Napoleon I. abdicated, 1815	♈	1	35	4	39	7	25	2	32	9	36	10	35 s	9	11 l
23	Tu	Akenside died, 1770	♈	1	48	4	39	7	25	3	21	10	35	11	37 s	9	46 l
24	We	President Carnot assassinate 1894	♈	2	1	4	39	7	25	Sets.	11	36	0	40 s	10	29 l	
25	Th	Isabella abdicated, 1870	♈	2	14	4	39	7	25	7	54	Ev	38	1	29 s	11	21 l
26	Fri	Pullman Boycott, 1894	♈	2	26	4	39	7	25	8	44	1	39	.....	2	19 s	
27	Sa	Mississippi Bubble burst, 1720	♈	2	39	4	40	7	25	9	30	2	38	0	15 l	2	56 s

26.) 3d Sunday after Trinity.

Luke 15.

Day's length, 14 h. 45 m.

28	S	Battle of Monmouth, 1778	♈	2	52	4	40	7	25	10	12	3	34	1	11 l
29	Mo	King Humbert shot, 1900	♈	3	4	4	40	7	25	10	50	4	27	2	17 l
30	Tu	Ger. Lloyd Co. steamer fire, 1900	♈	3	16	4	41	7	25	11	26	5	18	3	33 l

It is said that a grain of musk will diffuse a perceptible odor through a room for twenty years. It does this by filling the air with part of its substance, that being the

way in which all perfumes act; and yet so infinitesimally small are these particles, that the grain of musk shows no diminution of weight at the end of twenty years.



NERVOUS OLD LADY.—You never let the animals out, do you?

KEEPER.—Oh, yes! We have some dandy-lions out on the lawn now.

THE Public Health Journal is responsible for the following poetical outburst:

They sawed off his arms and his legs,
They took out his jugular vein,
They put fancy frills on his lungs,
And they deftly extracted his brain.
'Twas a triumph of surgical skill,
Such as never was heard of till then;
'Twas the subject of lectures before
Conventions of medical men.
The news of this wonderful thing
Was heralded far and wide,
But as for the patient, there's nothing to say
Excepting, of course, that he died.

From SAM'L D. EDICK, New York City, February 5, 1900:

I have used your Hostetter's Stomach Bitters for indigestion and for loss of appetite. I find that it has relieved me greatly, and cheerfully recommend it to any one.

FEED THE MUSCLES.—Exercise will make the muscles hungry. If they get muscle-building food they will grow, otherwise all exercise will be fatiguing and exhausting

instead of beneficial. Cheese, beans, peas, beef and oatmeal, in the order named, are the best muscle-builders. Wheat flour, used by most of the bakers, has had the muscle-building part removed. It will fatten but not strengthen. Soups and beef essences are stimulants, and have absolutely no value as muscle-builders.

COMBINATION IN LOCKS.—It has been proved that in a patent lock, with an average sized key having six "steps," each capable of being reduced in height twenty times, the number of changes will be 86,400; further, that as the drill pins and the pipes of the keys may be made of three different sizes, the total number of changes would be 2,592,600. In keys of the smallest size the total number would be 648,000, while in those of extraordinary size, it could be increased to not less than 7,776,000 changes.

HEALING.—"Did that stuff revive you?" asked the attending physician of his impatient patient. "Revive me, doc? Good heavens! Three doses of that medicine would resuscitate the dead languages."

7th
Month

♋

31
Days

JULY

MOON'S PHASES.

SAN FRANCISCO.

☾	FIRST QUARTER,	D. H. M.	
☾☾	FULL MOON,	1 0 53	Evening,
☾☾☾	LAST QUARTER,	9 9 34	Morning.
☾☾☾☾	NEW MOON,	17 11 15	"
☾☾☾☾☾	FIRST QUARTER,	24 4 37	"
		30 11 6	Evening.

Day Month.	Day Week.	HISTORICAL EVENTS.	Moon's Constellat'n	Sun Slow		Sun Ris.		Sun Sets.		Moon Sets.		Moon South		High Water.	
				M S.		H. M.		H. M.		H. M.		H. M.		Morn. Even.	
1	We	Westminster Assembly met, 1642		3	28	4	41	7	25	Mor.	6	7	4	51 s	5 33 l
2	Th	Pullman riots in Chicago, 1894	♏	3	39	4	42	7	25	0	1	6	55	6 13 s	6 23 l
3	Fri	Massacre of Wyoming, 1773		8	50	4	42	7	25	0	36	7	43	7 27 s	7 1 l
4	Sa	Adams and Jefferson died, 1836	♏	4	1	4	43	7	25	1	13	8	31	8 42 s	7 42 l

27.) 4th Sunday after Trinity.

Luke 6.

Day's length, 14 h. 42 m.

5	S	Wm. J. Bryan nominated, 1900		4	12	4	43	7	25	1	52	9	19	9 53 s	8 27 l
6	Mo	Hayes expedition, 1860	♏	4	22	4	44	7	25	2	33	10	8	10 52 s	8 58 l
7	Tu	Gen. Quitman died, 1858		4	33	4	44	7	24	3	18	10	50	11 48 s	9 48 l
8	We	Edmund Burke born, 1730		4	42	4	45	7	24	4	6	11	44	0 29 s	10 31 l
9	Th	Braddock's defeat, 1755	♏	4	52	4	45	7	24	Ris.	Mor.	1	5 s	11 17 l	
10	Fri	William the Silent assassinat 1584		5	1	4	46	7	24	7	53	0	31	.....	1 35 s
11	Sa	Gen. Prescott taken, 1777	♏	5	9	4	46	7	23	8	29	1	17	0 1 l	1 50 s

28.) 5th Sunday after Trinity.

Luke 5.

Day's length, 14 h. 36 m.

12	S	Battle of Aghrim, 1619	♏	5	17	4	47	7	23	9	8	2	1	0 45 l	2 22 s
13	Mo	Prendergast executed, 1894		5	25	4	47	7	22	9	35	2	45	1 32 l	2 46 s
14	Tu	N. Y. Crystal Palace opened, 1853	♏	5	32	4	48	7	22	10	6	3	28	2 22 l	3 18 s
15	We	Great Hail in England, 1808		5	39	4	49	7	22	10	37	4	12	3 13 s	3 59 l
16	Th	Mrs. Lincoln died, 1882	♏	5	45	4	50	7	21	11	10	4	57	4 17 s	4 42 l
17	Fri	Bishop White died, 1836		5	51	4	50	7	21	11	45	5	42	5 32 s	5 21 l
18	Sa	Pedro of Brazil crowned, 1841	♏	5	56	4	51	7	20	Mor.	6	31	6	47 s	6 2 l

29.) 6th Sunday after Trinity.

Matt. 5.

Day's length, 14 h. 28 m.

19	S	E. P. Roe died, 1888	♏	6	1	4	52	7	20	0	25	7	23	8 2 s	6 52 l
20	Mo	Fuller Chief Justice, 1888		6	5	4	53	7	19	1	10	8	18	9 18 s	7 42 l
21	Tu	Battle of Bull Run, 1861	♏	6	8	4	54	7	19	2	1	9	17	10 36 s	8 37 l
22	We	England and Scotland unite, 1707		0	11	4	54	7	18	2	59	10	18	11 37 s	9 31 l
23	Th	Roger Sherman died, 1793	♏	6	14	4	55	7	18	4	5	11	20	0 29 s	10 23 l
24	Fri	Bolivar born, 1783		6	16	4	56	7	17	Sets.	Ev	21	1	11 s	11 20 l
25	Sa	Battle Lundy's Lane, 1814	♏	6	17	4	57	7	16	8	5	1	20	.....	1 54 s

30.) 7th Sunday after Trinity.

Mark 8.

Day's length, 14 h. 17 m.

26	S	First P. O. in America, 1775	♏	6	18	4	58	7	15	8	47	2	16	0 17 l	2 14 s
27	Mo	Portugal a monarchy, 1139		6	19	4	58	7	15	9	25	3	10	1 14 l	2 38 s
28	Tu	Tariff of 1842 repealed, 1846	♏	6	18	4	59	7	14	10	1	4	1	2 16 s	3 21 l
29	We	Poland dissolved, 1794		6	17	5	0	7	13	10	37	4	50	3 21 s	4 3 l
30	Th	First Assembly in America, 1619	♏	6	16	5	1	7	12	11	13	5	41	4 36 s	4 46 l
31	Fri	Richard Savage died, 1743		6	14	5	2	7	11	11	51	6	23	5 56 s	5 30 l

THE prince who kept the world in awe,
The judge whose dictate fixed the law;

The rich, the poor, the great, the small,
Are levelled; death confounds them all.

MALARIA UNNECESSARY.

MALARIA thrives best on poison. It never attacks the robust, full-blooded, healthy man or woman. It never enters the system fortified by pure blood and well nourished nerves. It flies to the pale man or woman, the sickly, tired and weak, whose resistive force is low, and whose diseased organism makes it an easy prey.

The safeguard of all such people is **Hostetter's Stomach Bitters**. No one need fear malaria who will use it. If it has already crept into the system, the Bitters will drive it out where everything else has failed. If it has not gained a foothold, its use will prevent it. There may be cases so stubborn that nothing will eradicate them, but we have yet to hear of a case so severe that it did not yield to the gentle, yet firm treatment of the Bitters. The popular idea is that malaria, and its attendant ills, is difficult to remove from the

system, once seated there. To those who think thus, we wish to say that the cure of this disease is questionable only when inefficient remedies are used. The Bitters is an ideal restorer. It is an excellent remedy for all such affections, and is most efficacious in removing all enervating influences from the system. There is no form of intermittent fever which it will not conquer within a fortnight, affecting a thorough cure within a reasonable time. It is a standard remedy for complaints of the digestive organs and liver, and celebrated as a preventative of epidemics generated by malaria, impure air or water.

Strengthen and revitalize the stomach, liver and nervous system with the grandest of all tonics, and you may fearlessly laugh at disease or ill-health. It should be the companion of the traveler, and the trusted household friend.

EFFECTS OF HEAT.—Degrees Fahrenheit.

Gold melts,.....	1983	Lead melts,.....	594
Silver melts,.....	1850	Tin melts,.....	421
Copper melts,.....	2160	Water boils,.....	212
Brass melts,.....	1900	Alcohol boils,.....	175
Iron, red hot, daylt	1077	Ether boils,.....	93
" " twilight	884	Heat of human body	98
Common fire,.....	790	Water freezes,.....	32
Zinc melts,.....	740	Mercury freezes,...	39
Quicksilver boils,...	630	Greatest cold,.....	220
Linseed oil boils,...	600	Snow and salt,.....	0

From JES. LOVENSER, New York City, January 31, 1900:

Dear Sirs—I worked in a place where malarial fever is reigning, and I also was taken sick of fever, but your Hostetter's Stomach Bitters cured me. I thank you.

ALCOHOL AND SUNSTROKE.—The late Surgeon Parke, medical officer of the Emin Pasha Relief Expedition, in speaking of sunstroke, says he has met with comparatively few cases of it in his African service, and that "he has seen more cases of sunstroke occur during one 'field-day' at Aldershot than during seven years' medical experience in Africa." The immunity from thermal fever he attributes naturally to the use of precautionary measures, the most important of which is abstention from alcohol. "Drink," he says, "is certainly the most powerful predisposing cause of the development of the symptoms of sunstroke."

From WM. S. CHRISTY, Stenographer, No. 37 Park Place, New York, February 7, 1900:

Gentlemen—It gives me pleasure to recommend your Hostetter's Stomach Bitters. My appetite had fallen away to almost nothing, and after trying other remedies without bringing about the desired effect, your Stomach Bitters was suggested to me. I tried it, and immediately my appetite began to improve, and with it my general health. I cheerfully endorse its efficiency.



MOON'S PHASES.

SAN FRANCISCO.

☾	FULL MOON.....	D. H. M.	8 0 45 Morning.
☾	LAST QUARTER.....	15 9 13 Evening.	
☾	NEW MOON.....	22 11 42 Morning.	
☾	FIRST QUARTER.....	29 0 25 Evening.	

Day Month	Day Week.	HISTORICAL EVENTS.	Moon's Constellation	Sun	Sun	Sun	Moon	Moon	High Water.	
				Slow	Ris.	Sets.	Sets.	South	Morn.	Even.
				M. S.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	Sa	Japan declares war, 1894		6 11	5 2	7 10	Mor.	7 17	7 12s	6 12l

31.) 8th Sunday after Trinity.

Matt. 7.

Day's length, 14 h. 6 m.

2	S	Crown Point taken, 1759		6 7	5 3	7 9	0 33	8 5	8 28s	7 24l
3	Mo	Eugene Sue died, 1857		6 2	5 4	7 8	1 17	8 53	9 38s	7 44l
4	Tu	Battle of Mackinac, 1814		5 58	5 5	7 7	2 3	9 41	10 41s	8 41l
5	We	Phil. Sheridan died, 1883		5 53	5 6	7 6	2 52	10 28	01 29s	9 31l
6	Th	Ben Jonson died, 1637		5 47	5 6	7 5	3 43	11 14	0 64s	10 18l
7	Fri	Trial of Communists, 1873		5 40	5 7	7 4	4 37	Mor.	0 364s	11 24l
8	Sa	Spanish Armada destroyed, 1588		5 33	5 8	7 3	Ris.	0 0	1 24s	11 48l

32.) 9th Sunday after Trinity.

Luke 16.

Day's length, 13 h. 53 m.

9	S	Louis Phillippe king, 1830		5 25	5 9	7 2	7 39	0 44	.....	1 20s
10	Mo	Baron Russell died, 1900		5 17	5 10	7 1	8 9	1 28	0 30l	1 42s
11	Tu	Lopez in Cuba, 1857		5 8	5 11	6 59	8 40	2 11	1 18l	2 7s
12	We	Louis XVI. dethroned, 1792		4 59	5 12	6 58	9 13	2 55	2 2s	2 34l
13	Th	Jeremy Taylor died, 1667		4 49	5 13	6 57	9 47	3 40	2 52s	3 51l
14	Fri	First printed book, 1457		4 39	5 14	6 56	10 24	4 27	3 55s	3 45l
15	Sa	Peking taken by Allies, 1900		4 27	5 15	6 55	11 5	5 16	5 11s	4 30l

33.) 10th Sunday after Trinity.

Luke 19.

Day's length, 13 h. 38 m.

16	S	John J. Ingalls died, 1900		4 15	5 15	6 53	11 52	6 8	6 30s	5 22l
17	Mo	Admiral Blake died, 1657		4 3	5 16	6 52	Mor.	7 3	7 48s	6 14l
18	Tu	Kearney took Santa Fe, 1846		3 51	5 17	6 51	0 46	8 2	9 8s	7 21l
19	We	Augustus Caesar died, 14		3 38	5 18	6 50	1 46	9 2	10 21s	8 24l
20	Th	Battle of Saragossa, 1710		3 24	5 19	6 48	2 51	10 2	11 22s	9 23l
21	Fri	Prof. Tyndall born, 1820		3 10	5 19	6 47	4 0	11 1	0 114s	10 16l
22	Sa	Dr. Gall died, 1828		2 56	5 20	6 45	Sets.	11 59	0 504s	11 12l

34.) 11th Sunday after Trinity.

Luke 18.

Day's length, 13 h. 23 m.

23	S	Mob at Akron, Ohio, 1900		2 41	5 21	6 44	7 19	Ev 55	.....	1 26s
24	Mo	Washington captured, 1814		2 26	5 22	6 43	7 57	1 43	0 9l	1 33s
25	Tu	James Watt died, 1819		2 10	5 23	6 41	8 34	2 40	1 5s	1 47l
26	We	Battle of Cressy, 1346		1 54	5 23	6 40	9 11	3 31	2 9s	2 19l
27	Th	Silas Wright died, 1847		1 37	5 24	6 38	9 49	4 21	3 14s	2 48l
28	Fri	Robespierre executed, 1794		1 20	5 25	6 37	10 39	5 11	4 32s	3 32l
29	Sa	Battle Rhode Island, 1778		1 3	5 26	6 36	11 13	6 0	5 54s	4 23l

35.) 12th Sunday after Trinity.

Mark 7.

Day's length, 13 h. 7 m.

30	S	Cleopatra died, B. C. 36		0 45	5 27	6 34	Mor.	6 49	7 9s	5 15l
31	Mo	San Sebastian stormed, 1813		0 27	5 28	6 33	0 0	7 37	8 22s	6 22l



LADY.—Besides that sign, I have a dog.

TRAMP.—That's a dog-on-bad sign.

THE AVERAGE YEARLY INCOME

In America has never been accurately determined. But a few years ago the incomes of twelve million American families, in all sections of the country, in cities and towns, were collected, with this result in approximate figures:

Classes of Income.	Families.	
	Total.	Per cent. of Total.
Under \$400,.....	4,135,590	32.59
\$400 to \$500,.....	2,622,516	20.67
\$500 to \$600,.....	1,871,848	14.75
\$600 to \$1,200,....	1,382,210	10.89
\$1,200 to \$1,800,...	1,147,399	9.04
\$1,800 to \$3,000,...	903,976	7.12
Under \$3,000,...	12,063,479	95.06
\$3,000 to \$5,000,...	455,673	3.59
\$5,000 to \$15,000,...	189,718	1.10
\$15,000 to \$50,000,	27,235	.22
\$50,000 and over,.	4,047	.03
\$3,000 and over,	626,673	4.94
Total,.....	12,690,152	100.00

LIFE's glory, like the bow in heaven,

Still springeth from a cloud;

And soul ne'er soared the starry seven

But pain's fire-chariot rode;

They've battled best who've boldest borne;

The kingliest kings are crowned with thorn.

GERALD MASSEY.

From ZACK T. LAUDERER, I. & V. R. R., Indianapolis, Ind., May 27, 1900:

This will certify that Hostetter's Stomach Bitters has brought me out from a state of almost total disability to one of strength and health. I was run down and unable to work as an engineer; now I am well and hearty, run my engine regularly, and make full time and good wages.

PRESERVING WOOD.—Some metallic solutions seem obnoxious to all fungus vegetation. The dry rotting of wood is due to a fungus. If, therefore, wood be steeped in a solution of sulphate of copper, sulphate of iron, corrosive chloride of mercury, chloride of zinc, &c., of about ten per cent. strength, it will preserve the wood so that it becomes almost indestructible.

9th
Month30
Days

SEPTEMBER

MOON'S PHASES

SAN FRANCISCO.

☾	FULL MOON.....
☾	LAST QUARTER.....
☾	NEW MOON.....
☾	FIRST QUARTER.....

D.	H.	M.	
6	4	11	Evening.
14	5	4	Morning.
20	8	22	Evening.
28	4	59	Morning.

Day Month.	Day Week.	HISTORICAL EVENTS.	Moon's Constellat'n	Sun Slow	Sun Ris.	Sun Sets.	Moon Sets.	Moon South	High Water.	
				M. S.	H. M.	H. M.	H. M.	H. M.	Morn.	Even.
1	Tu	Gen. Banks died, 1894		0 8	5 29	6 31	0 49	8 25	9 22 s	7 24 l
2	We	Napoleon III. surrenders, 1870		Fast. 5 30	6 30	1 39	9 11	10 16 s	8 28 l	
3	Th	Battle of Worcester, 1651		0 30	5 31	6 29	2 32	9 57	10 55 s	9 21 l
4	Fri	Gen. Morgan killed, 1864		0 49	5 32	6 27	3 28	10 42	11 29 s	10 15 l
5	Sa	Catherine Parr died, 1531		1 9	5 32	6 26	4 21	11 26	11 56 s	11 6 l

36.) 13th Sunday after Trinity.

Luke 10.

Day's length, 12 h. 51 m.

6	S	Warsaw taken, 1831		1 29	5 33	6 24	Ris.	Mor.	0 16 s	11 52 l
7	Mo	Battle of Borodino, 1812		1 50	5 34	6 23	6 44	0 10	.....	0 33 s
8	Tu	Galveston disaster, 1900		2 10	5 35	6 21	7 16	0 54	0 28 s	0 54 l
9	We	California admitted, 1850		2 30	5 36	6 20	7 50	1 39	1 12 s	1 14 l
10	Th	G. A. R. at Pittsburgh, 1894		2 51	5 36	6 18	8 23	2 25	2 4 s	1 34 l
11	Fri	America discovered, 1492		3 12	5 37	6 17	9 5	3 13	3 0 s	2 1 l
12	Sa	R. A. Proctor died, 1888		3 33	5 38	6 15	9 49	4 5	4 1 s	2 46 l

37.) 14th Sunday after Trinity.

Luke 17.

Day's length, 12 h. 34 m.

13	S	U. S. Constitution ratified, 1788		3 54	5 39	6 13	10 39	4 58	5 12 s	3 41 l
14	Mo	Wellington died, 1852		4 15	5 40	6 12	11 34	5 53	6 35 s	4 47 l
15	Tu	Egyptian war ends, 1888		4 36	5 40	6 10	Mor.	0 50	7 47 s	5 57 l
16	We	Dr. Pusey died, 1882		4 57	5 41	6 9	0 34	7 48	8 55 s	7 11 l
17	Th	Matthew Carey died, 1839		5 18	5 42	6 7	1 41	8 46	9 59 s	8 20 l
18	Fri	New York Times founded, 1851		5 39	5 43	6 5	2 50	9 43	10 54 s	9 23 l
19	Sa	Kruger sailed for Europe, 1900		6 0	5 44	6 4	4 0	10 39	11 37 s	10 21 l

38.) 15th Sunday after Trinity.

Matt. 6.

Day's length, 12 h. 17 m.

20	S	New York Panic, 1873		6 22	5 45	6 2	5 10	11 33	0 11 s	11 15 l
21	Mo	Sir Walter Scott died, 1832		6 43	5 46	6 1	Sets.	Ev 27	.....	0 39 l
22	Tu	Mormonism founded, 1827		7 4	5 47	5 59	7 4	1 19	0 20 s	0 46 l
23	We	Marshal Bazaine died, 1888		7 24	5 48	5 58	8 43	2 10	1 18 s	0 52 l
24	Th	King of Portugal died, 1834		7 45	5 49	5 56	7 24	3 1	2 17 s	1 17 l
25	Fri	First American newspaper, 1690		8 6	5 49	5 55	9 8	3 51	3 19 s	1 53 l
26	Sa	Peace Congress at Lausanne, 1871		8 27	5 50	5 53	9 53	4 41	4 25 s	2 31 l

39.) 16th Sunday after Trinity.

Luke 7.

Day's length, 12 h. 1 m.

27	S	First Railroad in world, 1825		8 47	5 51	5 52	10 41	5 31	5 42 s	3 42 l
28	Mo	Detroit retaken, 1813		9 7	5 52	5 50	11 31	6 19	6 49 s	4 51 l
29	Tu	Lord Roberts commander, 1900		9 27	5 53	5 49	Mor.	7 6	7 47 s	5 59 l
30	We	Pompey's Triumph, 61 B. C.		9 47	5 53	5 47	0 24	7 52	8 39 s	7 5 l

THE first lesson of life, as Lowell reminds us, is to burn our own smoke; that is, not to inflict on outsiders our personal sorrows and petty morbidness, not to keep thinking of ourselves as "exceptional cases."

GINGER tea, made from the root, is of service, like catnip tea or sage tea, to produce perspiration in colds, or to stimulate the system after exposure. It is more palatable than the decoctions of sage and catnip.

A PROOF AGAINST CHANGE OF CLIMATE.

WHY do people invariably associate illness with change of climate? Why are some made fearfully ill by change of air and water, while others are affected not at all? The reason is simple. Change makes a man or woman ill, because the system is in a run-down condition. The change does not *cause* the sickness, it merely *hastens* it. It would have come sooner or later had the traveler not stirred from home. Many people seem to think that physical indisposition must necessarily follow a change of climate. If they are ill after establishing themselves in a new locality, they say, "Oh, its the change of climate."

Now, change of water or air never affects a healthy organism. If sickness or indisposition follows a change, it simply means that the system was in a weakened condition. Those who wisely fortify themselves with **Hostetter's Stomach Bitters**—that safeguard

of health—before making a journey, or making a permanent change, never suffer. The Bitters helps to digest the food, thus insuring regularity of the bowels, and effectually protecting the system from disease. So long as the stomach does its work properly, and the bowels evacuate all poisonous matter, no one need fear disease. And this is just what the Bitters does—aids the digestion and prevents constipation. It is a safeguard which should accompany every traveler, if only as a reliable laxative.

When you ask for the Bitters, insist upon having it. Never allow an unscrupulous druggist to foist something upon you which is "just as good." If it were "just as good" why would he try to sell it to you? There has been nothing to equal this medicine during the past fifty years, and it is doubtful if there ever will be. Take no imitation.

Do we forget? Oh, no! Oh, no!
The kindly deed we keep
Within our hearts where'er we go,
Or waking or asleep;
Then why not say the thankful word,
And let the teardrops flow,
And show the depths within us stirred?
Oh, why dissemble so?

TASK FOR SPELLERS.—The best spellers, the best educated people, the most scholarly persons, will find it difficult to write the following sentence from dictation, and spell every word of it correctly. Whenever you desire to call down some "know all," this sentence will floor him: "It is disagreeable to witness the unparalleled embarrassment of a harassed peddler gauging the symmetry of a peeled pear." It was secured from Mr. Dana's secretary, and for years it has been a source of amusement in the Sun office.

From FLORIAN KUBISTEK, Schulenburg, Tex., January 31, 1900:

Dear Sirs—Your Hostetter's Stomach Bitters helped me. I had trouble with my stomach, and nothing could give me relief. I was very weak. I always use your Bitters, and recommend them as an excellent remedy in all such cases.

C. WIDEMANN communicates a new method of making invisible ink. To make the writing or drawing appear which has been made on the paper with the ink, it is sufficient to dip it in water. On drying, the traces disappear again, and reappear by each succeeding immersion. The ink is made by mixing linseed oil, 1 part; water of ammonia, 20 parts; water 100 parts. The mixture must be agitated each time before the pen is dipped into it, as a little of the oil may separate and float on top, which would, of course, leave an oily stain upon the paper.



MOON'S PHASES.

☾	FULL MOON.....
☾	LAST QUARTER.....
☾	NEW MOON.....
☾	FIRST QUARTER.....

SAN FRANCISCO.

D.	H.	M.	
6	7	14	Morning.
13	11	47	"
20	7	21	"
28	0	23	"

Day Month.	Day Week.	HISTORICAL EVENTS.	Moon's Constellation	Sun Fast.	Sun Ris.	Sun Sets.	Moon Sats.	Moon South.	High Water.	
				M. S.	H. M.	H. M.	H. M.	H. M.	Morn.	Even.

1	Th	Queen Mary crowned, 1554	♏	{ 10 6	5 54	5 46	1 18	8 37	9 27 s	8 13 l
2	Fri	Samuel Adams died, 1803		{ 10 25	5 55	5 44	2 12	9 22	10 6 s	9 16 l
3	Sa	Modocs executed, 1872	♏	{ 10 44	5 56	5 42	3 7	10 6	10 36 s	10 12 l

40.) 17th Sunday after Trinity. Lake 14. Day's length, 11 h. 44 m.

4	S	Prof. Swing died, 1894	♏	{ 11 3	5 57	5 41	4 3	10 50	11 3 s	10 58 l
5	Mo	Tecumseh killed, 1813	♏	{ 11 21	5 58	5 39	5 2	11 35	11 26 l	11 44 s
6	Tu	Peace proclaimed, 1783	♏	{ 11 29	5 59	5 38	Ris.	Mor.	11 49 l	
7	We	Oliver W. Holmes died, 1894	♏	{ 11 57	6 0	5 36	6 24	0 22	0 39 s	0 3 l
8	Th	Mahomet in Medina, 622	♏	{ 12 14	6 1	5 35	7 5	1 10	1 29 s	0 16 l
9	Fri	Harriet Hosmer born, 1830	♏	{ 12 31	6 2	5 33	7 49	2 1	2 16 s	0 44 l
10	Sa	William H. Seward died, 1872	♏	{ 12 47	6 3	5 32	8 36	2 54	3 10 s	1 16 l

41.) 18th Sunday after Trinity. Matt. 22. Day's length, 11 h. 26 m.

11	S	Bahamas discovered, 1492	♏	{ 13 3	6 4	5 30	9 29	3 49	4 10 s	2 10 l
12	Mo	Robert E. Lee died, 1870	♏	{ 13 18	6 5	5 29	10 27	4 45	5 10 s	3 22 l
13	Tu	Battle of Queenstown, 1812	♏	{ 13 33	6 6	5 28	11 31	5 42	6 20 s	4 39 l
14	We	William conquered England, 1066	♏	{ 13 48	6 7	5 26	Mor.	6 38	7 27 s	5 54 l
15	Th	Swallow captured, 1812	♏	{ 14 2	6 7	5 25	0 37	7 34	8 28 s	7 12 l
16	Fri	Napoleon at St. Helena, 1815	♏	{ 14 15	6 8	5 23	1 44	8 29	9 26 s	8 26 l
17	Sa	Battle of Durham, 1346	♏	{ 14 28	6 9	5 22	2 51	9 22	10 16 s	9 29 l

42.) 19th Sunday after Trinity. Matt. 9. Day's length, 11 h. 11 m.

18	S	Treaty Aix-la-Chapelle, 1745	♏	{ 14 39	6 10	5 21	3 58	10 14	10 53 l	10 23 s
19	Mo	King John died, 1216	♏	{ 14 50	6 11	5 19	5 5	11 6	11 28 l	11 15 s
20	Tu	J. A. Froude died, 1894	♏	{ 15 1	6 12	5 18	Sets.	11 58	11 57 l	
21	We	Battle of Trafalgar, 1805	♏	{ 15 11	6 13	5 16	6 17	Ev'ing	0 13 s	0 0 l
22	Th	John Sherman died, 1900	♏	{ 15 21	6 14	5 15	6 59	1 49	1 12 s	0 12 l
23	Fri	Earthquake in Hungary, 1750	♏	{ 15 30	6 15	5 14	7 44	2 31	2 10 s	0 44 l
24	Sa	Treaty of Westphalia, 1648	♏	{ 15 38	6 16	5 13	8 33	3 21	3 5 s	1 11 l

43.) 20th Sunday after Trinity. Matt. 22. Day's length, 10 h. 54 m.

25	S	Philadelphia settled, 1682	♏	{ 15 46	6 17	5 11	9 24	4 11	4 6 s	2 6 l
26	Mo	First Congress adjourned, 1774	♏	{ 15 53	6 18	5 10	10 16	4 59	5 7 s	3 9 l
27	Tu	John G. Vassar died, 1888	♏	{ 15 59	6 19	5 9	11 9	5 46	6 8 s	4 20 l
28	We	Alfred the Great died, 900	♏	{ 16 4	6 20	5 8	Mor.	6 31	7 2 s	5 28 l
29	Th	Earthquake at Caracas, 1900	♏	{ 16 9	6 21	5 7	0 2	7 15	7 49 s	6 35 l
30	Fri	Sackville West dismissed, 1888	♏	{ 16 12	6 22	5 5	0 56	7 59	8 33 s	7 43 l
31	Sa	Gen. Scott retires, 1861	♏	{ 16 15	6 23	5 4	1 51	8 43	9 13 s	8 49 l

A story current about the Bishop of London represents him as a bored listener to a windy speech. Turning to a fellow-sufferer

he said, "Do you know that speaker?" "No." "I do," said the Bishop. "He speaks under many aliases, but his name is Rot."

IGNORANCE AS TO CATCHING COLD.

HERE is much ignorance displayed concerning the manner in which a cold is taken. Many people suppose that it is occasioned by the surface of the body being chilled—which is true, but only partly so. How is it that one person will catch what we call a cold and come down with rheumatism, while another, contracting it in the same way, will have kidney disease, pneumonia, bronchitis, or a severe attack of indigestion? Thus we see that it is not merely the chilling of the surface of the body which causes the trouble. When any surface of the body is unduly exposed to a low temperature, the sensitive nerves receive a shock, which being carried to the brain, causes it to respond with vibrations of a like character, which are abnormal, and they are thrown back upon the organism. Now if every organ in the body is in a healthy condition, this influence will be thrown off, and no harm will be done. If, however, there be a weak spot, the bad effects of catching cold will be sure to find that spot. It proves the old saying that a cold always finds the weak place. One man never takes cold, while another always does. The cause is plain. The

man or woman who takes cold is weak; the person who does not is strong.

For those susceptible to colds there is nothing of greater benefit than **Hostetter's Stomach Bitters**. It makes healthy every organ in the body. During its use the heart grows stronger, and better able to send the blood coursing through the system. The blood itself becomes rich and pure and filled with life-giving principles. The liver becomes vigorous, the kidneys active, the bowels regular, and the patient is once more strong and healthy.

GRIP.—When it is here, you feel its force, maybe only in a mild form. It commences with catarrhal symptoms, aching of the limbs, marked lassitude and a rise of temperature, resembling the commencing of typhoid or malaria.

Paradoxical as it may appear, the light attacks of grip are oftentimes more dangerous than the severe ones, as in the former instances the patients are more apt to be careless of themselves during their weak physical condition. Hostetter's Stomach Bitters breaks off the grip, while its tonicity sustains the flagging energies during and after the attack.

From JOHN LITTLEJOHN, Co. C. 146th Indiana Volunteers, Indianapolis, Ind., May 28, 1900:

The hardships I endured in the army broke me down, and I was unable to work for months after my return from Cuba. I took Hostetter's Stomach Bitters, and am comparatively well, feel better in every way, and am satisfied I will soon be restored to perfect health.

FIRST ATLANTIC STEAMSHIP.—The Savannah was the first steam propelled vessel that crossed the Atlantic. She was American

built, 380 tons burden, and in 1819 sailed first to Savannah from New York, thence direct to Liverpool, where she arrived in eighteen days, seven of which she used steam.

CORN AND HOGS.—A bushel of corn will make 10½ pounds of pork gross. Then:

WHEN CORN COSTS	PORK COSTS
12½ cents per bushel.	1½ cents per lb.
17 " "	2 " "
25 " "	3 " "
35 " "	4 " "
42 " "	5 " "
50 " "	6 " "



MOON'S PHASES

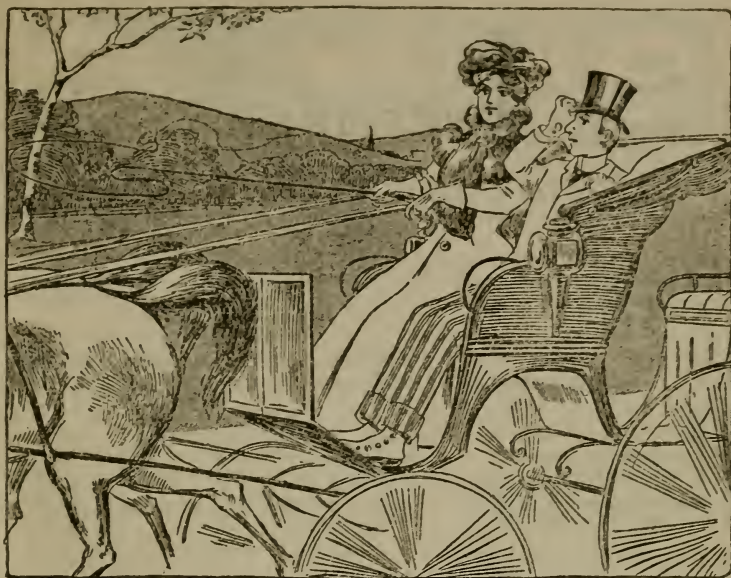
SAN FRANCISCO

	P.	H.	M.	
☾ FULL MOON.....	4	9	18	Evening.
☾ LAST QUARTER.....	11	6	37	"
☾ NEW MOON.....	18	9	1	"
☾ FIRST QUARTER.....	26	9	27	"

Day Month.	Day Week.	HISTORICAL EVENTS	Moon's Constellat'n	Sun Fast.	Sun Ris.	Sun Sets.	Moon Sets.	Moon South.	High Water.	
				M. S.	H. M.	H. M.	H. M.	H. M.	Morn.	Even.
44.) 21st Sunday after Trinity.				John 4.		Day's length, 10 h. 39 m.				
1 S		Czar Alexander III. died, 1894		16 18	6 24	5 3	2 49	9 28	9 47	9 42 s.
2 Mo		Josiah Quincy died, 1882		16 19	6 25	5 2	3 48	10 14	10 19	10 37 s.
3 Tu		Long P. rliament, 1640		16 20	6 26	5 1	4 48	11 2	10 47	11 37 s.
4 We		Virginus passengers exchan. 1873		16 21	6 28	5 0	5 49	11 53	11 2	.....
5 Th		Kepler died, 1630		16 20	6 29	4 59	Ris.	Mor.	0 35 s.	11 28
6 Fri		Ben. Harrison elected, 1888		16 18	6 30	4 58	1 03	0 46	1 28 s.	11 50
7 Sa		Battle of Prague, 1620		16 16	6 31	4 57	7 23	1 42	2 16 s.	0 15
45.) 22d Sunday after Trinity.				Matt. 18.		Day's length, 10 h. 24 m.				
8 S		Dr. Talmage resigns, 1894		16 12	6 32	4 56	8 21	2 39	3 9 s.	0 50
9 Mo		Prince of Wales born, 1841		16 8	6 33	4 55	9 23	3 37	3 59 s.	1 57
10 Tu		R. G. Dun died, 1900		16 3	6 34	4 54	10 28	4 34	4 55 s.	3 12
11 We		Milan Decree, 1807		15 57	6 35	4 53	11 35	5 30	6 0 s.	4 31
12 Th		Chaucer died, 1400		15 50	6 36	4 52	Mor.	6 24	7 5 s.	5 48
13 Fri		Catherine II. died, 1796		15 43	6 37	4 51	0 41	7 16	8 2 s.	7 2
14 Sa		Battle of Arcola, 1796		15 34	6 39	4 51	1 47	8 7	8 52 s.	8 15
46.) 23d Sunday after Trinity.				Matt. 22		Day's length, 10 h. 10 m.				
15 S		Lord Chatham born, 1708		15 25	6 40	4 50	2 52	8 58	9 39	9 28 s.
16 Mo		Fort Washington taken, 1776		15 15	6 41	4 49	3 57	9 48	10 10	10 29 s.
17 Tu		Dr. McCosh died, 1894		15 3	6 42	4 48	5 0	10 38	10 39	11 28 s.
18 We		Eruption Mt. Etna, 1832		14 51	6 43	4 48	6 2	11 29	11 2	.....
19 Th		Tweed convicted, 1873		14 38	6 44	4 47	Sets.	Ev 20	0 23 s.	11 10
20 Fri		Good Hope doubled, 1497		14 25	6 45	4 47	6 24	1 11	1 19 s.	11 25
21 Sa		Voltaire died, 1694		14 10	6 46	4 46	7 13	2 2	2 14 s.	0 14
47.) 24th Sunday after Trinity.				John 6.		Day's length, 9 h. 58 m.				
22 S		Thurlow Weed died, 1882		13 55	6 47	4 45	8 4	2 51	2 58 s.	1 0
23 Mo		Franklin Pierce born, 1804		13 39	6 48	4 45	8 57	3 39	3 39 s.	1 51
24 Tu		Ghent Treaty, 1814		13 23	6 49	4 44	9 50	4 25	4 23 s.	2 49
25 We		Isaac Watts died, 1748		13 5	6 50	4 44	10 41	5 8	5 12 s.	3 58
26 Th		William Cowper born, 1731		12 47	6 51	4 43	11 39	5 52	5 59 s.	5 9
27 Fri		Hoosac Tunnel opened, 1873		12 28	6 52	4 43	Mor.	6 36	6 41 s.	6 17
28 Sa		Earthquake in New England 1814		12 8	6 53	4 42	0 35	7 20	7 20 s.	7 15
48.) 1st Sunday in Advent.				Matt. 21.		Day's length, 9 h. 48 m.				
29 S		Polish Revolution, 1830		11 47	6 54	4 42	1 32	8 5	8 4	8 22 s.
30 Mo		Oscar Wilde died, 1900		11 26	6 55	4 41	2 31	8 51	8 45	9 35 s.

RAINWATER brings down yearly about 12 pounds of ammonia per acre of ground. To supply an equal amount in sulphate of ammonia at 6 cents per pound, would cost the

farmer \$2.83, and this is therefore the manual value of rain per acre. To this must be added a certain quantity of nitric or nitrous acid.



WILLIE.—You seem very quiet, doncher know, Miss Armstrong?

MISS A.—Yes, Willie, I never talk much while driving, for horses carry tales, you know.

THE little sharp vexations,
And the briars that catch and fret,
Why not take them to the Helper
Who has never failed us yet?
Tell him about the heartache,
And tell him the longings, too;
Tell him the baffled purpose,
When we scarce know what to do.
Then leaving all our weakness
With the One divinely strong,
Forget that we bore the burden,
And carry away the song.

PHILLIPS BROOKS.

From H. B. FRELS, Freiburg, Texas, February 5, 1900:

I have always found your Hostetter's Stomach Bitters a splendid remedy for stomach troubles and costiveness, and can recommend same to everybody.

"NOT IF IT WAS MY BOY."—Years ago the late Horace Mann delivered an address at the opening of an institution for boys, during

which he remarked that if only one boy was saved from ruin it would pay for all the cost and care and labor of establishing such an institution as that in any part of the land. After the exercises had closed a gentleman rallied Mr. Mann upon his statement and said, "Did you not color that a little when you said that all the expense and labor would be repaid if it saved only one boy?" "Not if it was my boy!" was the solemn and convincing reply.

CONVENIENT LAND MEASURES.

One acre contains 160 square rods, 4,840 square yards, 43,560 square feet. The side of a square must measure as follows to contain:

Ten acres,.....	690 ft.	Third acre,...	120.50 ft.
One acre,.....	208.71 "	Fourth acre,...	104.38 "
Half acre,....	147.58 "	Eighth acre,...	73.79 "

The following dimensions in feet make an acre:

400 by 108.9	300 by 145.2	150 by 290.4
350 by 124.5	200 by 217.8	100 by 435.6

One acre about equals 17 2-5 city lots
25 by 100 feet each.





MOON'S PHASES.

☾	FULL MOON.....
☾	LAST QUARTER.....
☾	NEW MOON.....
☾	FIRST QUARTER.....

SAN FRANCISCO.

D.	H.	M.	
4	10	4	Morning.
11	2	44	"
18	1	17	Evening.
26	6	13	"

Day Month.	Day Week.	HISTORICAL EVENTS.	Moon's Constellat'n	Sun Fast.		Sun Rts.		Sun Sets.		Moon Sets.		Moon South		High Water.		
														Morn.	Even.	
				M	S.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	M.
1	Tu	Battle of Nineveh, 627		{ 11	5	6	56	4	41	3	31	9	41	9	17 l	10 43 s
2	We	Cortez died, 1554		{ 10	42	6	57	4	41	4	34	10	33	9	45 l	11 45 s
3	Th	Battle of Hohenlinden, 1800		{ 10	19	6	58	4	41	5	33	11	28	10	11 l	.....
4	Fri	Washington's farewell, 1783		{ 9	56	6	59	4	41	Ris.	Mor.	0	37 s	10	39 l*	
5	Sa	Van Buren born, 1782		{ 9	32	7	0	4	41	6	9	0	27	1	33 s	11 12 l*

49.) 2d Sunday in Advent.

Luke 21.

Day's length, 9 h. 46 m.

6	S	Sydney beheaded, 1783		9	7	7	1	4	41	7	12	1	27	2	12 s	0 0 l
7	Mo	Ferd. De Lesseps died, 1894		8	42	7	2	4	41	8	18	2	26	2	58 s	0 54 l
8	Tu	Louis Blanc died, 1882		8	16	7	3	4	41	9	26	3	24	3	42 s	1 55 l
9	We	Birmingham, Ala. mob, 1888		7	50	7	3	4	41	10	34	4	20	4	29 s	3 11 l
10	Th	German Empire consolidated 1870		7	23	7	4	4	41	11	41	5	14	5	25 s	4 33 l
11	Fri	Constitution of Brazil, 1823		6	55	7	5	4	41	Mor.	6	5	6	23 s	5 50 l	
12	Sa	Cromwell Protector, 1653		6	27	7	6	4	41	0	45	6	55	7	14 l	7 11 s

50.) 3d Sunday in Advent.

Matt. 11.

Day's length, 9 h. 34 m.

13	S	Drake sailed, 1577		5	59	7	7	4	41	1	49	7	45	7	53 l	8 27 s
14	Mo	Debs convicted, 1894		5	30	7	7	4	42	2	51	8	31	8	37 l	9 39 s
15	Tu	Earthquake at Guatemala, 1773		5	2	7	8	4	42	3	53	9	24	9	13 l	10 43 s
16	We	Fire in New York, 1835		4	33	7	9	4	42	4	52	10	14	9	43 l	11 39 s
17	Th	John G. Whittier born, 1807		4	3	7	10	4	42	5	50	11	4	10	13 l	.....
18	Fri	Battle of Great Bridge, 1775		3	31	7	10	4	43	Sets.	11	54	0	32 s	10	35 l*
19	Sa	Cuhady kidnapped, 1900		3	4	7	11	4	43	5	56	Ev	44	1	15 s	11 17 l*

51.) 4th Sunday in Advent.

John 1.

Day's length, 9 h. 33 m.

20	S	U. S. Bank closed, 1791		2	34	7	11	4	44	6	48	1	32	1	54 s	0 6 l
21	Mo	Shiks defeated, 1845		2	4	7	12	4	44	7	41	2	19	2	23 s	0 54 l
22	Tu	Settlement New England, 1620		1	34	7	12	4	44	8	35	3	5	2	59 s	1 45 l
23	We	Fenian prisoners released, 1870		1	4	7	13	4	45	9	29	3	48	3	30 s	2 40 l
24	Th	Thackeray died, 1863		0	34	7	13	4	45	10	24	4	31	4	3 s	4 39 l
25	Fri	Christmas Day.		0	4	7	14	4	46	11	20	5	14	4	41 s	4 39 l
26	Sa	Texas admitted, 1845		Slow	7	14	4	46	Mor.	5	58	5	30 l	5	48 s	

52.) 1st Sunday after Christmas.

Matt. 1.

Day's length, 9 h. 33 m.

27	S	John Kepler born, 1581		0	55	7	14	4	47	0	17	6	42	6	15 l	7 5 s
28	Mo	Colonization Society founded 1816		1	25	7	15	4	48	1	16	7	29	6	50 l	8 16 s
29	Tu	Frigate Java taken, 1812		1	54	7	15	4	48	2	16	8	19	7	30 l	9 30 s
30	We	Queen Isabella died, 1504		2	24	7	16	4	49	3	17	9	11	8	10 l	10 36 s
31	Th	West Virginia admitted, 1862		2	53	7	16	4	50	4	20	10	7	8	48 l	11 42 s

This is the smart of life, the ceaseless round
Of duties done that yield nor sign nor sound,

Whether the act repays the ache it cost—
Whether the ended day was lived or lost.

A NERVE TONIC AND BLOOD PURIFIER.

NO matter how much material for the building up of the system may be prepared by the organs of digestion, it is only through the medium of the blood and its circulation that it is enabled to reach its destination. The blood should never be regarded as a mere red fluid, circulating through the system, performing in some mysterious manner its physiological labors, but simply as a nutritious liquid holding in solution all the ingredients necessary for the repair and construction of every tissue and organ in the body.

If your blood is thin and impure, and if your nerves are weak, try **Hostetter's Stomach Bitters**. You make known the condition of your blood by the color of your skin. If it is dark, yellow, pale, mottled with eruptions, redness, roughness or "blackheads,"

the blood is decidedly deficient in nourishing qualities, and unable to properly feed the system. The Bitters will enrich and purify it, giving the skin a healthy tinge, and making the eyes bright. If the blood is not rich and pure, the nerves are bound to be weak, for one condition springs from another. Here again the Bitters, by nourishing the nervous system, puts it in a condition to work properly, and in doing so cures irritability, despondency, mental dullness, fatigue, sleeplessness, numbness, poor circulation, bad dreams, general weakness and indigestion, all of which indicate some disorder of the nerves and blood, and demonstrate conclusively that Bitters is needed. It is the best blood purifier and nerve tonic in the world, and after you have tried it you won't need any other.

HYGIENE OF OCCUPATIONS.

Sanitarians have within recent years given considerable attention to this subject, and some very interesting statistics have been collected. It has been found that clergymen enjoy the greatest longevity. Taking the period of life between 25 and 65 years, and the death-rate of clergymen at 100, the death-rate of those who follow other professions and trades would be as follows:

Gardeners,.....	100	Wool workers,.....	186
Farmers,.....	114	Tailors,.....	189
Papermakers,.....	129	Hatters,.....	192
Grocers,.....	139	Printers,.....	193
Fishermen,.....	143	Cotton workers,....	193
Cabinet makers,....	148	Clerks,.....	199
Lawyers,.....	152	Physicians,.....	202
Mechanics,.....	155	Bookbinders,.....	210
Woolen drapers, ..	159	Butchers,.....	211
Miners,.....	160	Glass makers,.....	214
Shoemakers,.....	166	Plumbers,.....	216
Conc'l travelers,....	171	Cutlers,.....	229
Bakers,.....	172	Brewers,.....	245
Millers,.....	172	Wine merchants,....	274
Masons,.....	174	Base singers,.....	300
Smiths,.....	175	Potters,.....	314
Laborers,.....	185	Hotel waiters,.....	337

LOVING words will cost but little,
 Journeying up the hill of life;
 But they make the weak and weary
 Stronger, braver for the strife.
 Do you count them only trifles?
 What to earth are sun and rain?
 Never was a kind word wasted,
 Never was one said in vain.

From JOHN A. SHIELDS, Clerk U. S. Circuit Court, New York, February 5, 1900:

Gentlemen—I can cheerfully recommend your Hostetter's Stomach Bitters to be a great remedy, a relief for all stomach troubles, such as indigestion, and a good tonic. No family should be without it.

ONE and one-half pounds of coal, which is less than a good handful, furnishes one horse power for one hour, and one horse power represents the lifting to a height of one foot of 300 pounds; so that 1½ pounds of coal lifts 300 pounds one foot and sustains it for an hour.

HOW TO RETAIN YOUTH.

YOUTH is not a matter of years. When Oliver Wendell Holmes was once asked how old he was, he replied that he was seventy-nine years *young*. A bright face and an active body cannot be called old, even if its owner has lived an hundred years.

Age, wrinkles, feebleness and inactivity mean that the body is wearing out, just as a machine would give out first in one place, then in another, if it were carelessly used or worked night and day.

In this age men and women age prematurely. They live in a hurry, abusing mind and body. Youth, health and strength might be preserved much longer if proper precautions were taken.

A GOOD WIFE'S EPIGRAPH.

It was not hers to stir the world,
With some great deed, or on fame's scroll
To write her name, yet day by day
She helped one weary soul.

Not hers to lead an army vast
Or place her name all names above;
But hers to guide one heart aright—
Simply to live and love.

From L. W. VICORY, Coldwater, Mich., May 17, 1900:

It is pleasure to inform you that I am satisfied that your Hostetter's Stomach Bitters saved my life in 1864, when I came from the south. I was given up by expert physicians as incurable, and could not live more than thirty days. I commenced taking your Bitters, and in thirty days I was eating a good square meal, my weight increased from 150 to 212 pounds, and when I feel worn out, I always take your Bitters, and recommend it to all who have stomach or liver trouble.

ENGLISH NAUTICAL MILES.—The circumference of the earth is divided into 360 degrees containing 60 knots or nautical miles; consequently the circumference of the earth.

Hostetter's Stomach Bitters has been called "The Restorer of Youth" by some of its friends, because after taking it the desires and ambitions and strength of youth returned. The reason for this is simple. The breaking-down or wearing-out process had begun—and the Bitters, by renewing the strength and energy of the nerves, and purifying and enriching the blood, restores the equilibrium of the life-forces, assisting nature to rebuild and replenish. It is the one remedy upon which people can always depend. It conquers all nervous weakness and exhaustion, debility, run-down blood, sleeplessness, dyspepsia, liver complaint, and all diseases which accompany debility.

viz.: 131,385,456 feet, divided by 21,600 (860 by 60), gives the length of a knot, 6,082.66 feet, which is generally considered the standard. One sea mile, or British Admiralty Knot, 6,080 feet, or 1.1515 land or statute miles, or 1,852 kilometre. 1 fathom, 6 feet. 1 cable length, 1-10 of a sea mile.

DETERMINATION OF SEX.—An exhaustive study of the subject of the determinations of sex has been published by Dr. Arthur Frederick Davenport, in the Intercolonial Medical Journal of Australia. The author concludes that the sex of a child is determined at the moment of conception, and is opposite to that of whichever parent is at that moment in relatively the more vigorous health. By temporarily stimulating one parent and depressing the vitality of the other, Dr. Davenport believes that he can predetermine the sex of the child at will.

PEOPLE are right and left eyed just as they are right and left handed, and just as the right hand is usually the more powerful, so is the right eye. Only one person in ten is left-sighted. It is very probable that the use of weapons during countless ages, has had something to do with the extra power of the right eye.

TO PEOPLE WHO "DON'T FEEL WELL."

THERE'S nothing the matter, they say, only they "don't feel good."

Now there is a reason for it, of course. Any physician will tell you that if you are well, you will feel well, and that if you do not feel well, you cannot be well.

Health commences at the stomach. This important organ stands guard over the entire system, and if it is weakened or diseased, the liver, kidneys, nerves and blood will also suffer.

It is one of the wonderful organs of the body, the storehouse of life and energy. As long as it is healthy, works hard and secretes the gastric juices freely, all goes well. If it has become tired through neglect or abuse, then people do not feel well, and what is

the matter. Oftentimes there is belching, coated tongue, heartburn, poor appetite, bloating of the stomach, nervousness, insomnia, despondency, etc. Such symptoms point conclusively to weak digestion. **Hostetter's Stomach Bitters** will correct all altered conditions, and increase the flow of gastric juice. Use it and the work will be well done. It is a well-known fact that the Bitters purifies the blood, restores the disordered liver to a healthy condition, and most effectually corrects the worst cases of habitual constipation of the bowels. It is also a cure for the various diseases of women. There is no person living whom the Bitters will not materially benefit. One trial will convince the most skeptical.

CUBIC FEET OF HAY IN A TON.—No exact rule can be given for measuring hay in bulk; the rules are as various as the kinds of hay, its condition, and the amount of pressure to which it has been subjected. The rules for hay in general use are as follows for a ton:

CUBIC FT.

Timothy, a year in mow or stack,.....	500
Timothy from bottom of stack,.....	400
Timothy newly stacked,.....	700
Clover stacked for some months,.....	700
Clover new,.....	900
Timothy and Clover old stacked,.....	600
Timothy and Clover new,	800
Common meadow Hay old,.....	800
Common meadow Hay new,.....	1,000

CORRECT TEMPERATURE.—Seventy degrees Fahrenheit is a good temperature at which to keep the house. If the ventilation is so arranged that the impure air passes out, and there is a proper supply of pure air, all the healthy members of the family will feel comfortably warm. Without plenty of oxygen to breathe it is impossible to be warm and comfortable in any temperature. It is a great mistake to make one or two rooms hot

and keep the rest of the house at a much lower temperature; no better system could be devised for producing colds. Keep all the living rooms at the same temperature.

From MRS. C. M. SEARS, 492 Sixth St., Oshkosh, Wis., May 16, 1890:

Dear Sirs—My husband has been troubled with his stomach for over a year. He has had different remedies, but he finds that your Hostetter's Stomach Bitters is doing him the most good. He has taken five bottles.

NATURE'S TONIC.—If people only ate more fruit they would take less medicine and have better health. There is an old saying that fruit is gold in the morning and lead at night. As a matter of fact it may be gold at both times, but then it should be eaten on an empty stomach, and not as a dessert, when the appetite is satisfied, and digestion is already sufficiently taxed. Fruit taken in the morning, before the fast of the night has been broken, is very refreshing, and it serves as a stimulus to the digestive organs. A ripe apple or an orange may be taken at this time with good effect.

SLUGGISH CIRCULATION.

If a river should be stopped up with earth and refuse, so that it could not flow freely along its accustomed course, it would become stagnant, ill-smelling, and a menace to health and life.

If for any reason the blood becomes full of impurities, it does not circulate freely, and sluggish or "poor" circulation is the result. The entire system is weakened and proves an easy prey to any disease which happens along. The nerves lose their vigor, the skin becomes dry and dead looking, the eyes are dull, and the person despondent and irritable. Indigestion, constipation, liver and kidney disorders follow as a matter of course. Such a condition is very serious. It will not do to experiment. Something must be taken which will immediately

tone the nerves, purify the blood and strengthen the stomach, so that it will be able to turn the food it receives into rich, red blood.

There is no medicine known to science which will do this so well as **Hostetter's Stomach Bitters**. It has absolutely no equal as a strength-restorer and invigorant. It does not only relieve temporarily, but by purifying and enriching the blood, it permanently cures such distressing ailments as dyspepsia, nervous debility, sleeplessness, irritability, despondency, biliousness, female irregularities, malaria, fever and ague, kidney and liver affections, besides adding vigor to the entire nervous system, and effectually stimulating the circulation. There is nothing like it.

From H. M'GOON, Birdseye, Indiana, June 3, 1900:

This certifies that I have been troubled with indigestion, sick-headache, disturbed sleep, &c. I tried several good physicians, but failed to obtain relief. From your almanac I learned what Hostetter's Celebrated Stomach Bitters had done for others like myself. I went to a physician at Mineral Springs, and he advised hygienic treatment and prescribed Hostetter's Stomach Bitters. I took it according to directions, and in a few days I was gaining, and after taking three bottles I am sound and well, and feel all over a new man.

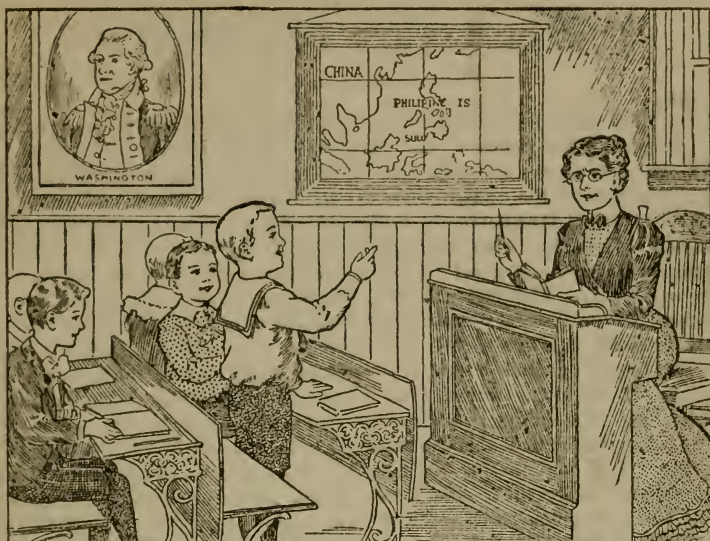
PLANT SPECIMENS.—Poisson reports favorably on experiments with salicylic acid as a preservative of plant specimens. The most serviceable proportions are two grams of the acid to a liter of soft water. The solution, the author says, is a perfect preservative; the color of the object is retained for a long period by its use, it is relatively cheap, and it can be used by travelers who might find a difficulty in procuring or carrying with them sufficient alcohol.

ICE AND SNOW.—One cubic foot of ice at 32° Fahrenheit weighs 57.5 pounds. The volume of water at 32° is to that of ice at 32° as 1.000 to 1.0855; the expansion in passing into the solid state being above 8½ per cent of the volume of water. Snow has twelve times the bulk of water, and its specific gravity is .0833.

From AUG. WOERNER, No. 24 Missouri St., Evansville, Ind., May 26, 1900:

For years I was troubled with dyspepsia, and would be yet had it not been for Hostetter's Stomach Bitters, of which I am entirely cured now, with one-half dozen bottles, although I keep it up yet in small broken doses to prevent trouble coming on again.

PRESERVING COLORS.—A little vinegar added to the water will revive and preserve the color in washing clothes. The best plan is to put it in the last rinsing water, and it should be added in the proportion of one tablespoonful of vinegar to each quart of cold water. Sponging with vinegar and water before ironing will revive faded black woolen materials.



TEACHER.—It is very naughty to tell lies, Johnnie. People who do so don't go to heaven.

JOHNNIE.—Did you ever tell a lie, teacher?

TEACHER.—No, dear, never.

JOHNNIE.—Won't you be fearful lonely in heaven, teacher, with only George Washington?

DISTANCES AND MAIL TIME TO FOREIGN CITIES FROM NEW YORK.

By Postal Route to	Miles.	Days.
Adelaide via San Francisco,.....	12,845	34
Alexandria via London,.....	6,150	14
Bangkok, Siam, via San Franc..	12,990	43
Berlin via London,.....	4,385	9
Bombay ".....	9,765	26
Buenos Ayres,.....	8,045	29
Calcutta via London,.....	11,120	29
Constantinople via London,.....	5,810	13
Greytown via New Orleans,.....	2,610	8
Havana,.....	1,413	3
Hong Kong via San Francisco,...	10,590	30
Honolulu via San Francisco,.....	5,645	13
Liverpool,.....	3,540	8
Melbourne via San Francisco,...	12,265	32
Mexico City by railroad,.....	3,750	5
Panama,.....	2,355	7
Rio de Janeiro,.....	6,204	24
St. Petersburg via London,.....	5,370	11
Shanghai via San Francisco,.....	9,920	31
Valparaiso via Panama,.....	5,910	32
Yokohama via San Francisco,...	7,348	22

He liveth long who liveth well!

All else is being flung away;

He liveth longest who can tell

Of true things truly done each day.

Be what thou seemest; live thy creed;

Hold up to earth the torch divine;

Be what thou prayest to be made;

Let no faltering steps be thine.—BONAR.

From WM. BELK, Delta, La., April 24, 1900:

I cheerfully recommend your Hostetter's Stomach Bitters to any person in need of a good family medicine and blood purifier. It has always given satisfaction when used in this swampy country for chills and fever, &c. Every person who studies good health should use them.

Don't take your troubles to bed with you—hang them on a chair with your trousers, or drop them in a glass of water with your teeth.

INFORMATION FOR WOMEN.

THERE have been offered many remedies for women's ills. But there is always one best, and of the hundreds on the market, there is nothing to equal **Hostetter's Stomach Bitters**. This well-known tonic cures, because it goes to work in the right way. The majority of so-called "female diseases" spring from weakness or lack of vitality.

The human system is a kind of machine. If one part is seriously out of order, the whole thing goes wrong. The blood in circulation is the main-spring. It is obvious that the agent which restores vigor to the entire system will also strengthen weak backs, stop debilitating drains, promote regularity and establish renewed health.

When a woman feels weak and languid, limp and inert, irritable, nervous,

with aching head and limbs, she needs something to impart new vigor to her system—something to whet the appetite, enrich the blood, and paint the hue of health upon her pale cheeks. In a word, she needs the Bitters. She might as well try to cure an earache with a corn cure, as to correct any derangement of the feminine organism by "local" treatment. The only safe, rational way to cure the hundred and one ills which afflict womankind, is to thoroughly build up the system, and this the Bitters will do most effectually. It is heartily recommended to all sufferers from constipation, indigestion, backache, headache, biliousness, despondency, general debility, weakening drains, irregularities and misplacements. Women who are upon their feet all day will find it a blessing.

From OTTO J. BENNINGHOFF, 1512 Fulton Ave., Evansville, Ind., May 26, 1890:

Last spring I was feeling very miserable with my stomach and a broken down system. After using several home-made remedies and patent tonics, I began with your Hostetter's Stomach Bitters, and am now entirely cured with four bottles.

IN Colombia the snow line is about 14,000 feet; in Ecuador, near the equator, about 17,000 feet; in Peru and Bolivia, about 15,000 feet, and in Chili, from 13,000 feet in the neighborhood of Santiago, to 3,000 feet at the Straits of Magellan.

From ROWLAND NEWLAND, Atkins, Va., July 19, 1900:

Gentlemen—I have been troubled with a nervous affection, sick-headache and sleeplessness, caused by indigestion. After taking several bottles of your Hostetter's Celebrated Stomach Bitters it has cured me, and I can sleep like a child.

It is a strange and solemn power which conscience wields. Conscience comes to us in lonely hours. It wakens us in the night. It stands at the side of the bed and says, "Come, wake up, and listen to me." And there it holds us with its remorseless eye.

From N. F. HOGAN, M. D., No. 318 Fiftieth Street, Brooklyn, N. Y.:

For twenty years I have prescribed Hostetter's Stomach Bitters in various cases of dyspepsia, nervous and physical prostration, and the result has always been most satisfactory. It has stood the test of time, and sells on its own merits.

MILDEW is best removed by dipping the goods into a weak solution of chloride of lime, then placing the garment in the sun for a few minutes, after which rinse thoroughly. A heaping teaspoonful of lime to a quart of water is about the right proportion.

LIVER AND BILIOUSNESS.

A SLUGGISH Liver is responsible for nine-tenths of the sickness of the world. All liver diseases, whatever their character, demand the closest attention. Their effects are many and varied. They first interfere with the purifying power of the liver cells, which in turn acts upon the stomach, causing dyspepsia; upon the intestines, causing sluggishness; upon the kidneys, causing catarrhal conditions, with their multitude of troubles; upon the spleen, causing congestion and interference with blood formation. These diseases manifest themselves in many different ways. Here are a few of the symptoms—yellow skin, yellow tinge in the whites of the eyes, constipation, dull headache, drowsiness and despondency, poor appetite, coated tongue, bad taste in mouth, decline of bodily vigor, itching of skin, hiccoughs, nausea and vomiting.

For all affections of the liver **Hostetter's Stomach Bitters** is the best medicine in the world. It regulates the functions of digestion and excretion, and in this way rejuvenates the entire physical organism. It puts into the body the proper vital force by building up an enervated system. It acts mildly and naturally, containing nothing injurious or dangerous. Biliousness and all disagreeable symptoms promptly disappear after the use of the Bitters.

Remember that the liver is the great blood-cleansing organ of the body. The Bitters will set this housekeeper at work, and the foul eruptions which accumulate in the blood and derange the machinery of life, will be gradually expelled from the system. It removes all disease products, and restores the organ to healthy action. Much good is gained by an early application of this remedy.

It isn't the thing you do, dear,
It's the thing you leave undone,
Which gives you a bit of a heartache
At the setting of the sun.
The tender word forgotten,
The letter you did not write,
The flower you might have sent, dear,
Are your haunting ghosts at night.

FROM JOHN E. POWELL, Elmington, Va.,
September 21, 1900:

Gents—I have been constantly using your Hostetter's Stomach Bitters for the last thirty years, and regard it as the finest Bitters on the market for indigestion, biliousness and rheumatism. I am now 76 years old.

TO REMOVE OLD PAINT FROM WOODWORK.
—There are several methods of accomplishing this. Make a strong solution of washing soda, and apply it to the paint with a brush, being careful that it does not get on

your hands or clothing. After a short time wash off with a mop, being careful, as before, not to let the liquid touch the flesh or clothing. Ammonia is a good agent also. Use dilute household ammonia and proceed as with washing soda. Begin to wash off as soon as the fumes pass off. Both chemicals darken the wood. The paint may be scraped or burned off, but this a difficult thing for an amateur to do.

A GOOD man read that the Chinese tell the time of day by examining the pupils of a cat's eye. He carried a cat around in his overcoat. He now invests in arnica plaster and carries a watch,

ONE suffers no shock when hearing the question of a little girl: "Mamma, don't you think God must have laughed when he made the monkeys?"

WEAK KIDNEYS AND RHEUMATISM.

THE kidneys are the sewers of the human system. It is their function to eliminate poisons from the body. If they are unable to throw impurities from the blood, they become clogged, decay, fall apart, and pass out into the urine. The blood, unfiltered, carries the poisons all over the system, and if not checked, death ensues.

A few symptoms of weak or diseased kidneys are pain or dull ache in the back, excess of uric acid, gravel, rheumatism, sediment in the urine, scanty supply, scalding, irritation, frequent desire to urinate day and night, sleeplessness, nervous irritability, dizziness, irregular heart action, breathlessness, sallow unhealthy complexion, puffy or dark circles beneath the eyes, bloating of the feet, limbs of body, loss of ambition, general weakness and debility.

If you have any one or all of these symptoms, or if there is any trace of kidney disease or rheumatism in your family, you will profit by taking **Hostetter's Stomach Bitters**. It has been uniformly successful in curing such diseases. The secret of its success lies in the fact that in addition to its great healing influence on the kidneys and bladder, it cleanses the system of impurities, strengthens the stomach and digestion, and regulates the bowels. All of these organs are implicated when the kidneys fail to do their work. Persons who have reason to think their kidneys are affected should take warning—the disease spreads rapidly and becomes dangerous before the victim knows he is seriously affected. The Bitters will restore health to the diseased organs, and vigor to the entire system.

THERE are times when the still small voice of conscience is as audible as a brass band.

THE English Bible is "the greatest literary production in the language." Macaulay spoke of it as "a book which, if everything else in our language should perish, would alone suffice to show the full extent of its beauty and power;" and Carlyle said of the book of Job that there is "nothing written, in the Bible or out of it, of equal literary merit."

DIET TO MEET ALL DEMANDS.—Professor Atwater has well said: "A given diet, furnishing a certain amount of protein and energy, may be taken by three different men, under the same conditions of environment and labor, and while it meets the demands of the first, it may be too little for the second, and too much for the third; or it may suffice very well for either one at a given time, and be too much or too little at

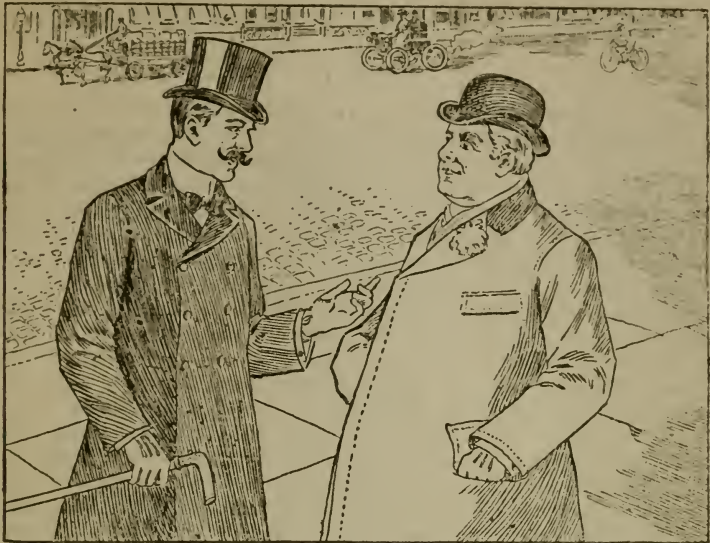
another time." Each man or woman must make a study of the different classes of foods, and then choose according to his or her occupation, surroundings, taste, etc., and note the results.

From H. H. HALL, Aiken, S. C., Oct. 22, 1900:

Gents—I have always kept your Hostetter's Stomach Bitters on hand to fill prescriptions, as some of the M. D's. use it as a tonic.

No living representative of the animal kingdom has more than five toes, digits or claws to each foot, hand or limb. The horse is the type of the one-toed creation, the camel of the two-toed, the rhinoceros of the three-toed, and the hippopotamus of the four-toed animal life. The elephant and hundreds of other animals of different orders belong to the great five-toed tribe.

A WOMAN put her tongue to the flat iron to see if it was hot. The household has been remarkably quiet since.



Look here; yesterday, when I bought this cane from you, you guaranteed that the head was genuine ivory! Now I find that it is imitation.

Is that possible? Well, I get all my goods direct from Ceylon, but, of course, it is quite possible that the elephants there have taken to using false teeth.

DIFFERENCE IN RAILWAY CLOCKS.

When it is 12 o'clock noon in New York, the clocks in the following European cities register the time herein given, afternoon:

Antwerp,.....	5.16	Madrid,.....	4.45
Berlin,.....	5.54	Munich,.....	5.46
Brussels,.....	5.17	Paris,.....	5.09
Carlsruhe,.....	5.34	Prague,.....	6.00
Dublin, Queenst'n	4.35	Rome,.....	5.50
The Hague,.....	5.20	St. Petersburg,...	7.02
Lisbon,.....	4.23	Southampton,....	4.51
London, Greenwh's	5.00	Vienna,.....	6.06

times with black oil paint. Next grind powdered pumice stone very finely in oil-turpentine, and add it to a black, fat paint, prepared with good rubbing varnish, making two applications with this. When the last coating has dried and hardened, it is rubbed down with ground pumice stone and water, by means of a felt rag, for half an hour, until it is uniformly dull. Wash off thoroughly and neatly, and rub dry with a chamois. One may write not only with chalk, but also with a slate pencil on this coating.

From WILLIAM J. FINN, Ferry-master, N. Y. and Brooklyn Ferry Co., New York, January 10, 1900:

Gentlemen—I have used your Hostetter's Stomach Bitters for the last five years for indigestion, and find it has greatly relieved me. Would recommend it to any one.

COATING FOR BLACKBOARDS.—To prepare blackboards they are thinly coated three

A CORN on the foot is an effort of Nature to protect the soft tissues of the toe from undue pressure, by forming a hard or callous substance to receive it. A properly fitting shoe and stocking should be substituted for the ones that have caused the mischief. A cloth saturated with lemon juice or vinegar, and bound over the spot, will sometimes give relief, but nothing avails as long as the pressure is continued.

TAKING MEDICINE EXPERIMENTALLY.

LIFE at the longest is but a span, but there is a class of persons whose tenacity to it is quite astonishing. Even when they do not last long, their longevity is remarkable, as they are continually—but in good faith—doing what must curtail the natural term of their existence. With a blind fatuity resembling monomania, they are continually taking medicine, and substituting one nostrum for another, at the suggestion of caprice or injudicious advisers. This experimental medication is, of course, utterly subversive of health rather than conducive to it, and since those who pursue it are usually the ignorant and credulous, the selection of the supposed remedies is commonly a most unwise one. The stomach is not to be pestered with impunity, and outraged nature exacts heavy penalties for experiments thus made at her expense. The enfeebled, the dyspeptic,

the constipated, and others to whose permanent relief **Hostetter's Stomach Bitters** is adapted, are earnestly advised to abandon hap-hazard dosing, as a step preliminary to the recovery of health, and to pursue a regular course of this salutary invigorant and corrective medicine, of which the test of time, the published evidence of eminent professors of the healing art, and a constantly increasing popularity on this Continent and elsewhere, afford satisfactory vouchers of excellence.

It remedies both acute and chronic indigestion, quickens and imparts richness to the circulation, arouses the liver when that organ is dormant, relaxes the bowels naturally and without pain, and gives permanent relief. Proofs heretofore given to the world in this Almanac and through the columns of the press, fully substantiate every claim made in its behalf.

ELECTRIC LIGHT BEST FOR THE EYES.—According to a Russian physician of note, who has been making a careful technical study of the matter, by an infinite number of tests with human subjects, electric light is least injurious, and candle-light the most disastrous to the eyes. He contends, after close observation, that the oftener the lids are opened and closed the greater the fatigue, and consequent injury to the eyes. Here is his table as to the number of times the lids close as affected by different illuminations: Candle-light, 6 4-5; gas, 2 4-5; sun, 2 1-5; electric, 1 4-5.

A GOOD RECIPE.—To prepare an aromatic castor oil, pleasant to the taste, a Norwegian is authority for the following directions: The best oil is treated with warm water and saccharin is added. This gives a sweet-tasting syrup, which keeps as long as the original oil. If now small quantities of the

oil of cinnamon and the essence of vanilla be added, the last remaining traces of harshness will disappear.

DAILY NEEDS OF THE BODY.—There must be protein to make blood and muscle, bone and brain; and corresponding quantities of fat, starch and sugar, and the like, to be consumed in the body to serve as fuel to provide warmth and give strength for work. The protein is found in lean meats, fish, eggs, cheese, gluten of flour, and in beans, peas, &c.

It is the man of voluntary or compelled leisure who mopes, and pines, and thinks himself into the madhouse or the grave. Motion is all nature's law. Action is man's salvation, physical and mental. He only is truly wise who lays himself out to work till life's latest hour, and that is the man who will live the longest and live to the most purpose.

HONEST WORDS OF AN HONEST REMEDY.

CLD Time tests everything. If there be a flaw anywhere, in anything, Time will detect it. Half a century has passed since **Hostetter's Stomach Bitters** was placed before the public as a specific for stomach disorders. For fifty years it has been used by man, woman and child. And it has stood the test superbly. Its trade-mark—that of St. George killing the dragon—is known to every druggist in the country, and carries with it a guarantee of health to the most hopeless sufferer. Until some other specific for disorders of the digestion presents a like record, we feel that we are justified in claiming the pinnacle of supremacy for the Bitters.

We have done our best to impress upon you the importance of this truly precious medicine. We want every one everywhere to know that sickness is unnecessary, disease is unnecessary, unhappiness is unnecessary. There is a cure for all weakness and wretchedness, and that cure lies in the remedy we have told you about. We do not mean to imply that Hostetter's Stomach Bitters is a cure-all for every disease which afflicts man, but we do say in the majority of cases where there is weakness and nervousness, accompanied by disturbances of the stomach, liver, bowels or kidneys, the Bitters invariably brings relief, no matter what the ailment may be called. It does this because its primary step is to strengthen the source of all strength—the Stomach—which in turn enriches the blood, and revitalizes the nerves, and thus health returns.

As a household remedy, the Bitters cannot be too highly recommended. It is always desirable to have something reliable at hand for the hundred and one common ailments of life, which do not require a doctor's services, and yet which are capable of making life miserable. For this purpose the Bitters cannot be too highly recommended. It will ward off bilious attacks, break up sick-headaches, regulate the bowels, and prove of inestimable value where judiciously used. It is a convenient and painless laxative for young or old, a most desirable anti-bilious medicine, acting directly upon the liver; and all over the West and South, and latterly in the West Indies and other tropical countries, it is eulogized as the conqueror of fever and ague.

We ask a fair trial from those who are suffering from bodily weakness.

Hostetter's Business Calendar.

1903								1903								1903							
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday		Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday		Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Jan.	..	..	..	..	1	2	3	May	..	..	..	..	1	2	3	Sept.	..	..	1	2	3	4	5
	4	5	6	7	8	9	10		3	4	5	6	7	8	9		6	7	8	9	10	11	12
	11	12	13	14	15	16	17		10	11	12	13	14	15	16		13	14	15	16	17	18	19
	18	19	20	21	22	23	24		17	18	19	20	21	22	23		20	21	22	23	24	25	26
	25	26	27	28	29	30	31		24	25	26	27	28	29	30		27	28	29	30	..	..	..
	..	..	..	..	..	..	..	June	31	..	..	..	..	..	..	Oct.	..	..	..	..	1	2	3
Feb.	1	2	3	4	5	6	7		..	1	2	3	4	5	6		4	5	6	7	8	9	10
	8	9	10	11	12	13	14		7	8	9	10	11	12	13		11	12	13	14	15	16	17
	15	16	17	18	19	20	21		14	15	16	17	18	19	20		18	19	20	21	22	23	24
	22	23	24	25	26	27	28		21	22	23	24	25	26	27		25	26	27	28	29	30	31
	..	..	..	..	..	..	..	July	28	29	30	..	..	..	..	Nov.	1	2	3	4	5	6	7
Mar.	1	2	3	4	5	6	7		..	..	..	1	2	3	4		8	9	10	11	12	13	14
	8	9	10	11	12	13	14		5	6	7	8	9	10	11		15	16	17	18	19	20	21
	15	16	17	18	19	20	21		12	13	14	15	16	17	18		22	23	24	25	26	27	28
	22	23	24	25	26	27	28		19	20	21	22	23	24	25		29	30	..	..	..	..	..
	29	30	31	..	..	..	..	Aug.	26	27	28	29	30	31	..		..	..	..	..	..	..	..
	..	..	..	1	2	3	4		..	..	..	..	..	..	1	Dec.	..	..	1	2	3	4	5
April	5	6	7	8	9	10	11		2	3	4	5	6	7	8		6	7	8	9	10	11	12
	12	13	14	15	16	17	18		9	10	11	12	13	14	15		13	14	15	16	17	18	19
	19	20	21	22	23	24	25		16	17	18	19	20	21	22		20	21	22	23	24	25	26
	26	27	28	29	30	..	..		23	24	25	26	27	28	29		27	28	29	30	31	..	..
	..	..	..	..	..	..	..		30	31	..	..	..	..	..		..	..	..	..	..	..	..

JAMES W. WOOD,
SWEETLAND, CAL.

DEALER IN

Hostetter's Celebrated Stomach Bitters,
DRY GOODS,

Groceries, Teas, Crockery, Queensware,
HATS, CAPS, BOOTS AND SHOES.

Drugs, Medicines, Chemicals,
Paints, Oils, Dye-Stuffs, Garden Seeds, &c.

CARBON OIL, LAMPS AND CHIMNEYS,

FARMING TOOLS, HARDWARE, CUTLERY,

Confectionery, Perfumery and Stationery.